starting points in mathematics 1


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starting points in mathematics

Mathematics Team
Level 1 Revised

Authors:

Donald L. Bornhold
Linda Lindermere
Stella Tossell

Consultants:

James E. Beamer
Grace Dilley
Emery Dosdall
June Feldman
Robert Gutcher
Jean Lewis
Murray McPherson
Edward B. Murrin
Trudy Stacey

GINN AND COMPANY
EDUCATIONAL PUBLISHERS

Authors and Consultants

Dr. James E. Beamer
Assistant Professor
Department of Curriculum Studies
College of Education
University of Saskatchewan
Saskatoon, Saskatchewan

Donald L. Bornhold
Former Superintendent
North York Board of Education
North York, Ontario

Grace Dilley
Mathematics Consultant
Surrey School District
Surrey, British Columbia

Emery Dosdall
Director of Program Supervision
Edmonton Public School Board
Edmonton, Alberta

June Feldman
Teacher and Vice-Principal
Carleton Board of Education
Ottawa, Ontario

Robert Gutcher
Assistant Superintendent
Metropolitan Separate School Board
Toronto, Ontario

Jean Lewis
District School Supervisor
Board of School Trustees
Moncton, New Brunswick

Linda Lindermere
Former Consultant
North York Board of Education
North York, Ontario

Dr. Murray McPherson
Head of Department of Mathematics
and Science Education
Faculty of Education
University of Manitoba
Winnipeg, Manitoba

Edward B. Murrin
Teacher
Antigonish County School Board
Antigonish, Nova Scotia

Trudy Stacey
Consultant
North York Board of Education
North York, Ontario

Stella Tossell
Former Mathematics Consultant
North York Board of Education
North York, Ontario

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The metric usage in this text has been reviewed by the Metric Screening Office of the Canadian Government Specifications Board.

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To the Teacher

Teachers differ in their preference for a spiral or a strand organization of the mathematics program in the early grades. To address this difference, the lesson outcomes in Levels 1 and 2 of *Starting Points in Mathematics* are organized to allow for either a modified spiral or a strand approach. The modified spiral for Levels 1 and 2 is organized around units on numeration, addition, and subtraction. Individual lessons on geometry, measurement, graphing, and fractions are interspersed throughout the major topics in order to integrate certain aspects of them and to provide some variety. A strand organization provides a concentrated sequence of lessons for each topic. Teachers electing to follow a strand organization should note that the *Checkup* for some units will require adjustment.

Children, particularly in the early grades, profit from instruction that involves concrete materials prior to the use of the text. To enable children to meet the stated objective and build a foundation for growth in mathematics, the teacher's edition that accompanies this text places the emphasis on instruction with concrete materials and brings the children to the appropriate page when they are ready. The work completed on the student's page represents another stage of instruction and provides a summary of the extent of learning in a semi-concrete setting.

The sequence towards mastery of the basic facts with sums and minuends to 10 is defined in four stages. In the first stage, as the children examine the cardinal understanding of numbers to nine, they investigate the meaning of addition through separate examination of four understandings:

- partitioning a group or set to find pairs of numbers that, in combination, give a particular number (starting with three on page 25). Experiencing that a number can be made up of combinations of other numbers is a foundation for the basic facts of both addition and subtraction;
- completing a group or set (see page 51). In this variation of the previous aspect, children are given the number in the whole group and only one of the numbers of the pair for the combination, and they are asked to find the other number.
- showing one, two, or three more (see pages 69-71). This is another aspect of addition, namely, joining or enlarging or counting on;
- the joining of two groups or sets. The joining process, and its result, is the means by which the plus and equals signs are introduced and the operation of addition is formalized.

In the second stage, subtraction is formalized. Initially, the meaning is examined as a separate action by showing one fewer, two fewer, or three fewer objects in a group or set (see pages 93-95). The formal idea of subtraction is introduced as the separating or taking away of a part of a group or set. The process of separating, and its result, is the means by which the minus sign is introduced (see pages 96-98). The comparison aspect of subtraction is examined later (see pages 137-138).

In the third stage, the children are provided with experiences in adding with the assistance of counters (see pages 87-90). Similarly, for subtraction, assistance is provided with counters (see pages 108-112). Later the children are encouraged to add and subtract without the use of counting devices (see page 124).

In the fourth stage, the addition and subtraction concepts of joining and separating are brought together (starting on page 155) to achieve mastery of basic addition and subtraction facts by means of families of facts. Families of facts with sums to 6 are examined in Unit 8, followed by facts for 7 and 8 in Unit 9, facts for 9 and 10 in Unit 10, and facts for 11 and 12 in Unit 11.

The sequence in Level 1 provides first an understanding of the concepts of addition and subtraction, then experiences with these concepts, and finally opportunities for the children to demonstrate mastery of the basic addition and subtraction facts with sums and minuends to either 10 or 12.

Contents

Unit 7

Unit 8

Unit 9

Unit 10

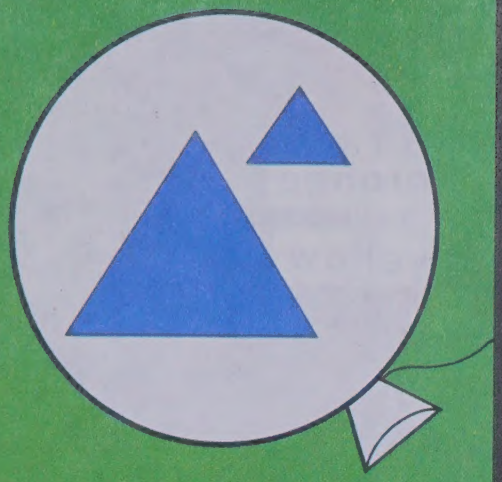
Unit 11

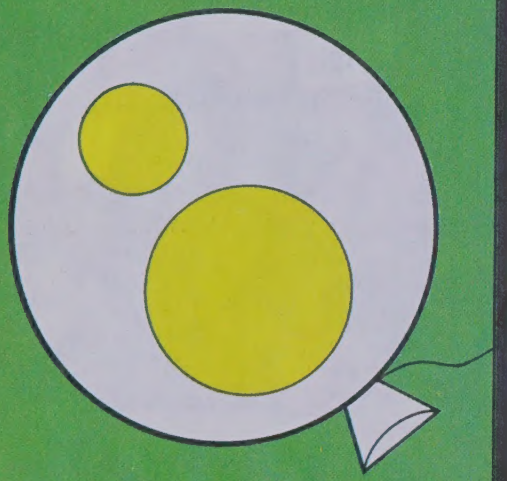
Unit 12

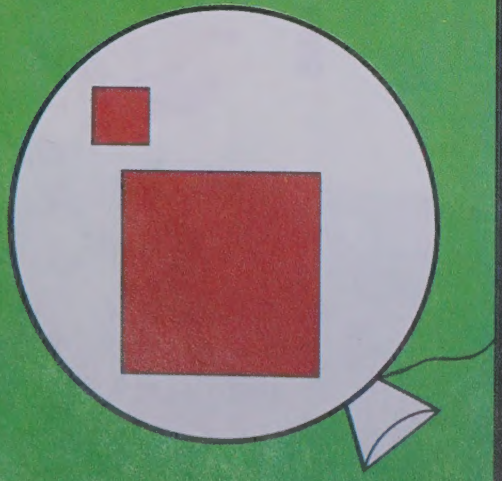
Contents by Strands

Unit 1

Color.

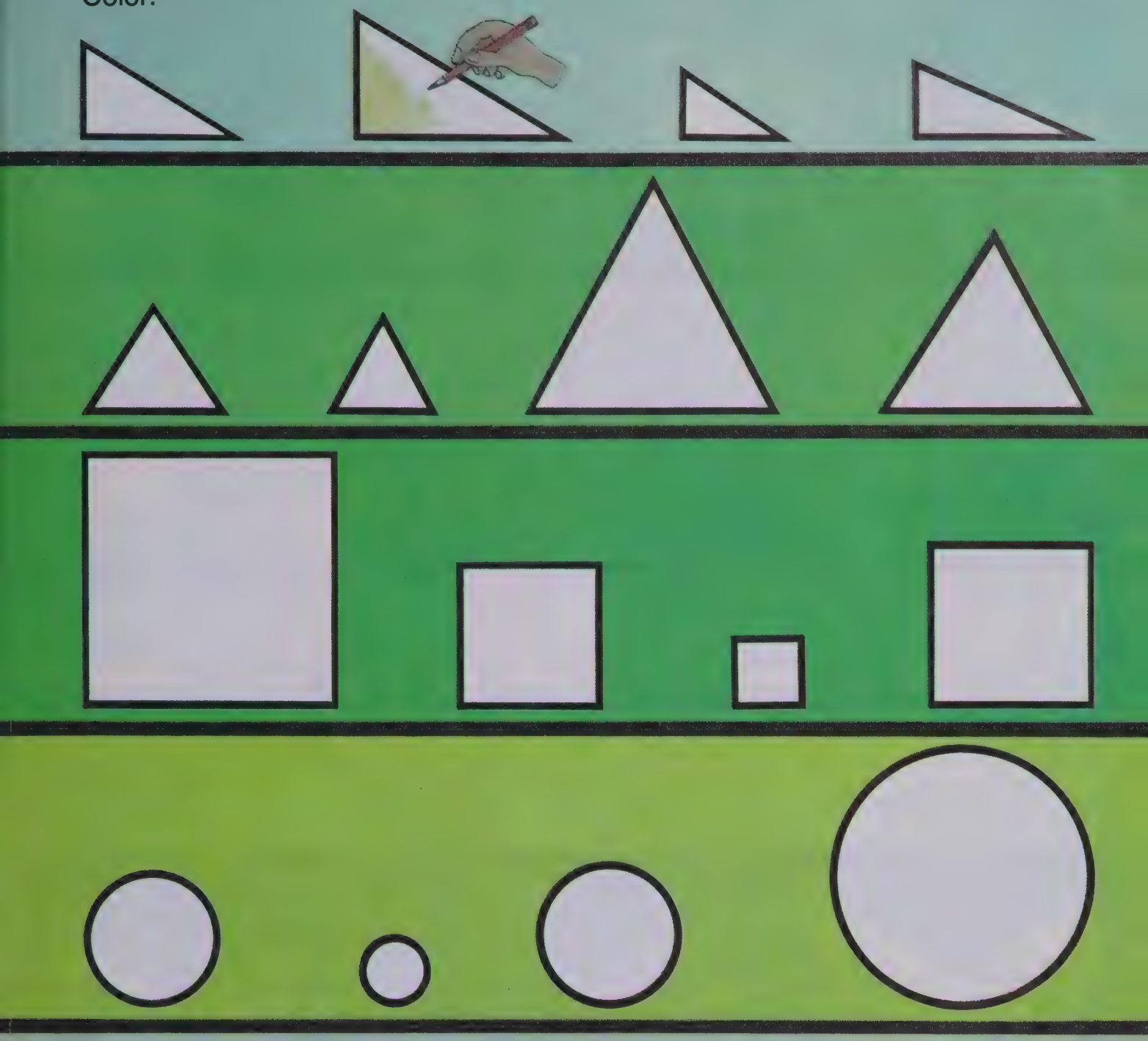




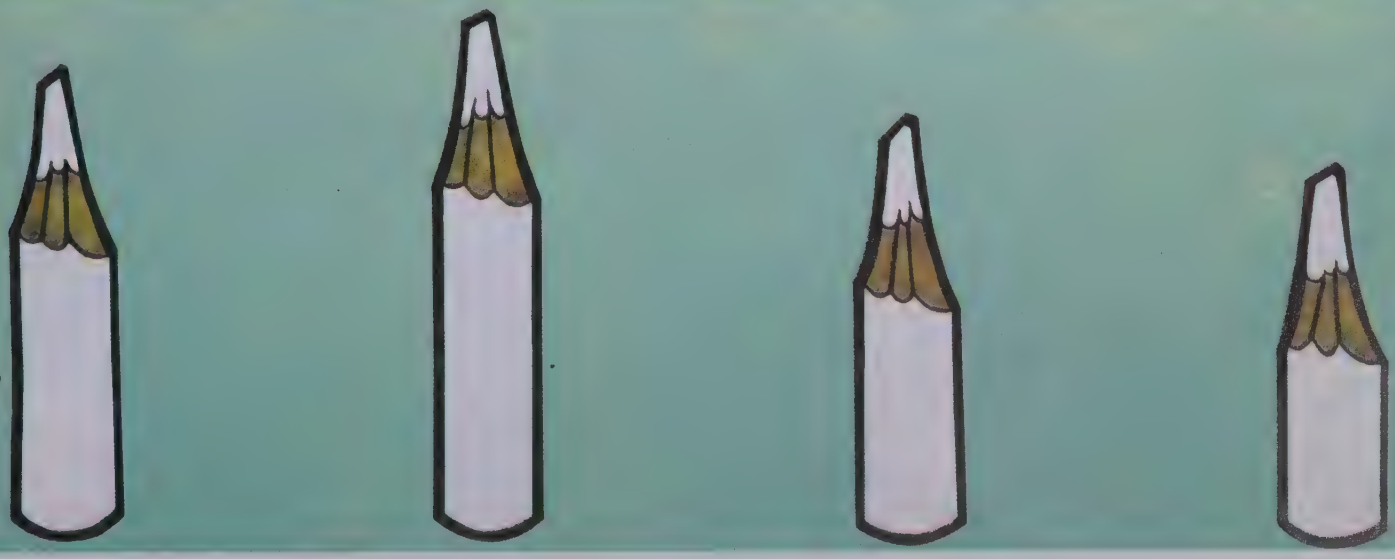


Color the shapes that belong in each set.

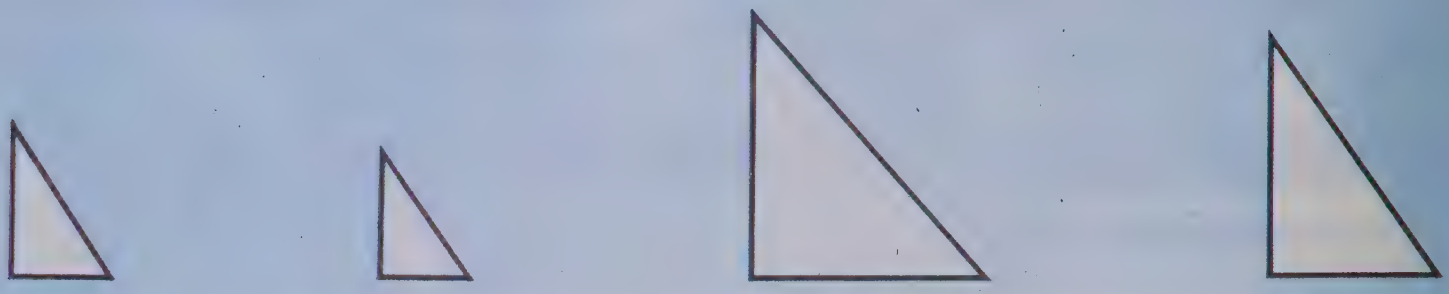
Color.



Color the largest.

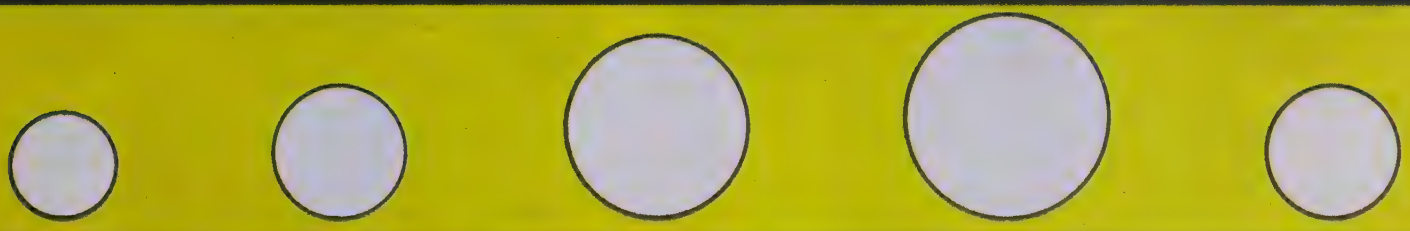


Color.

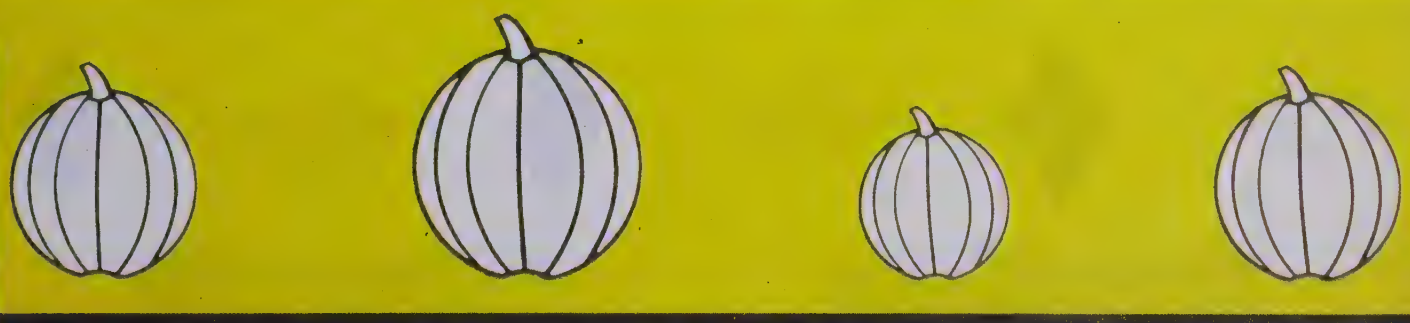


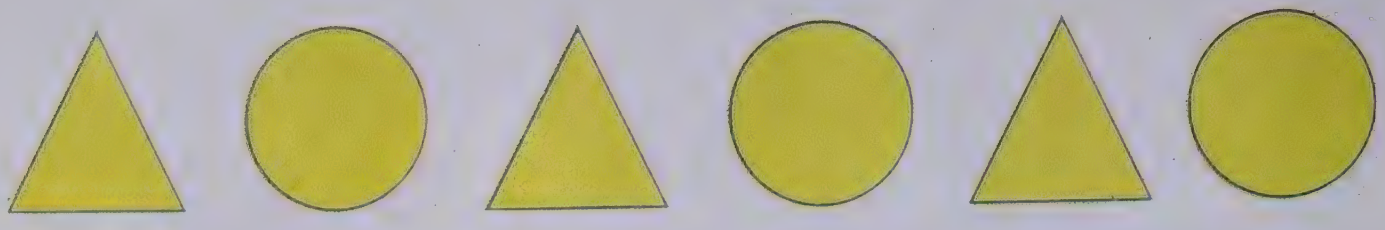
Color the smallest.

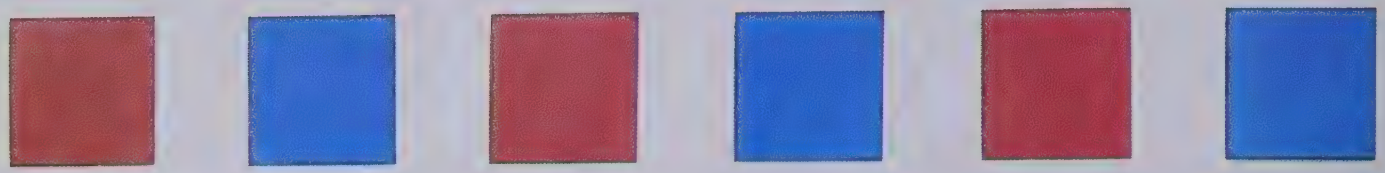
Color.

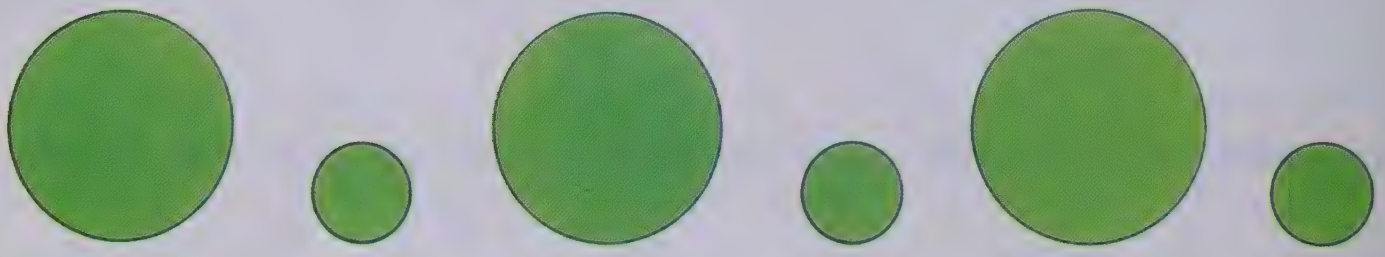


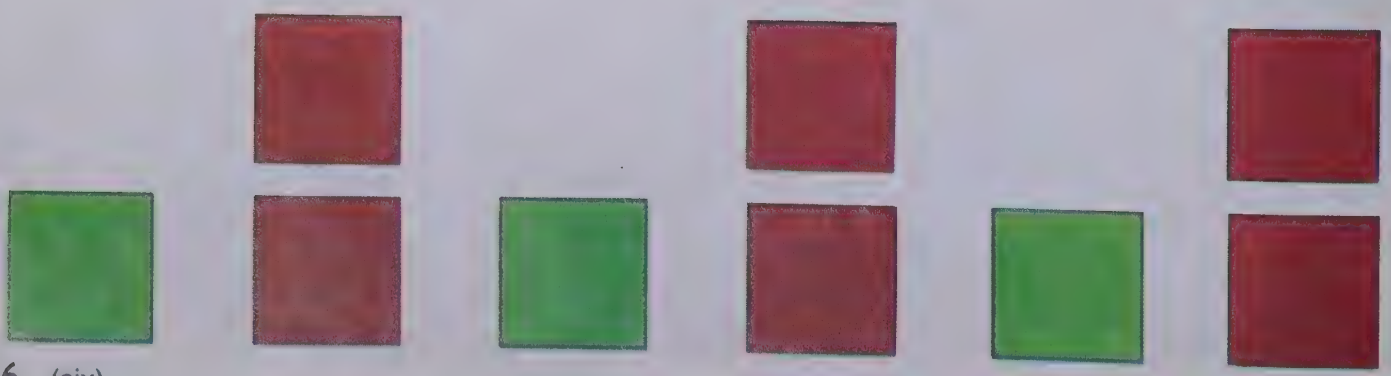
Color the two things in each set that have the same size.





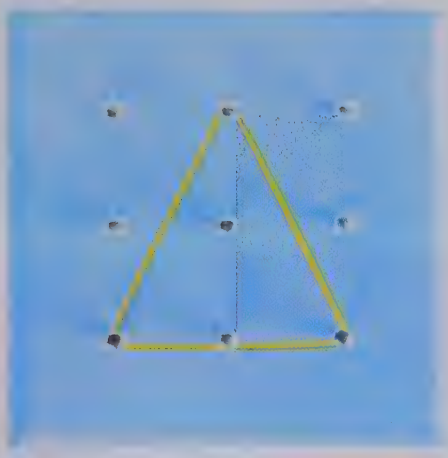


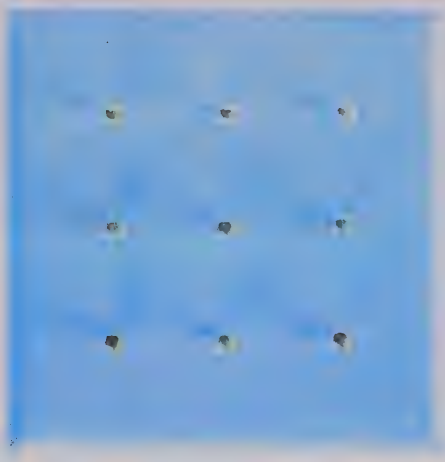


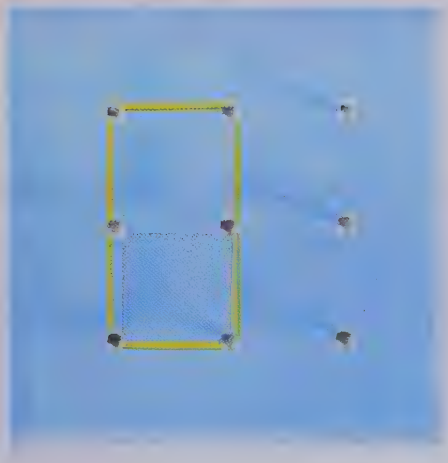


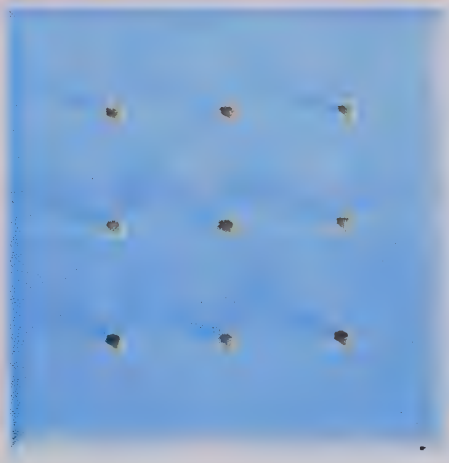
Place shapes to make these patterns.

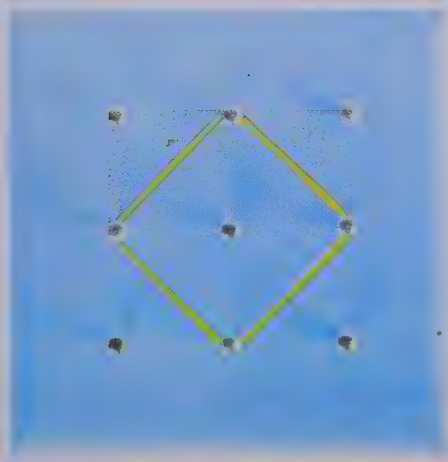
Make the shapes.

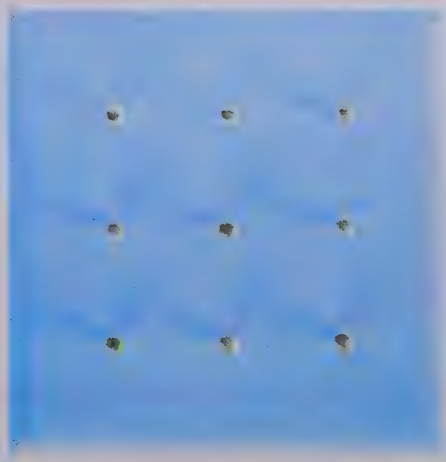












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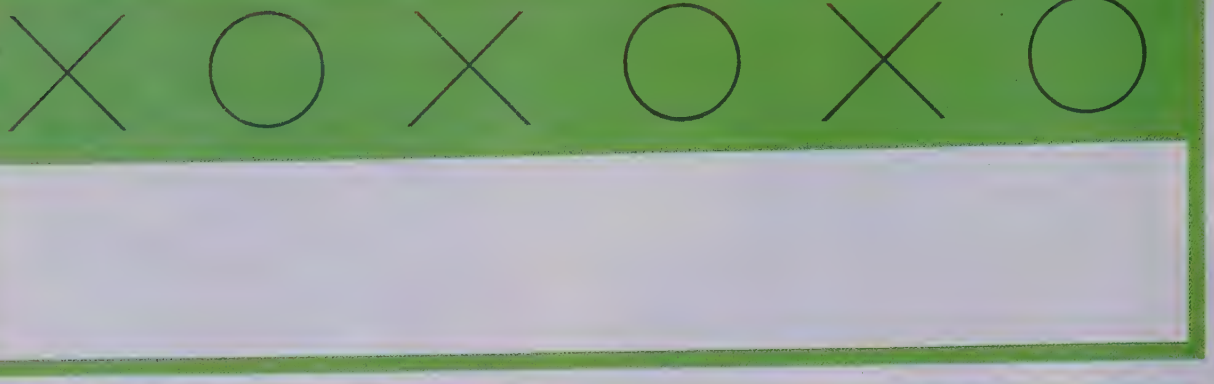
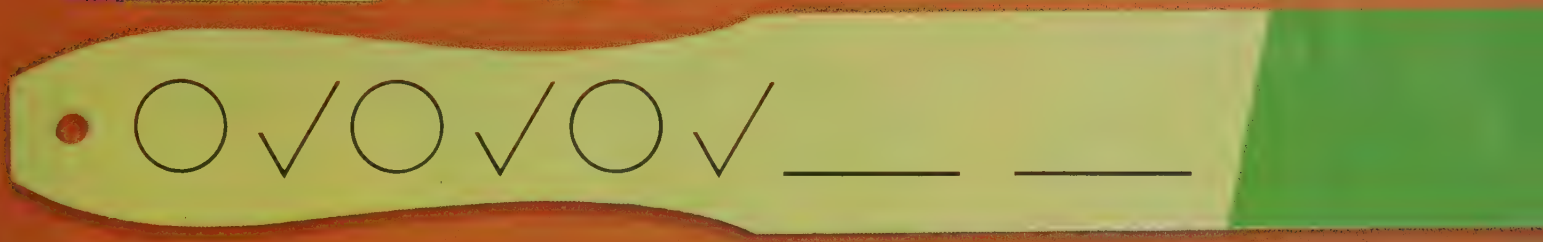
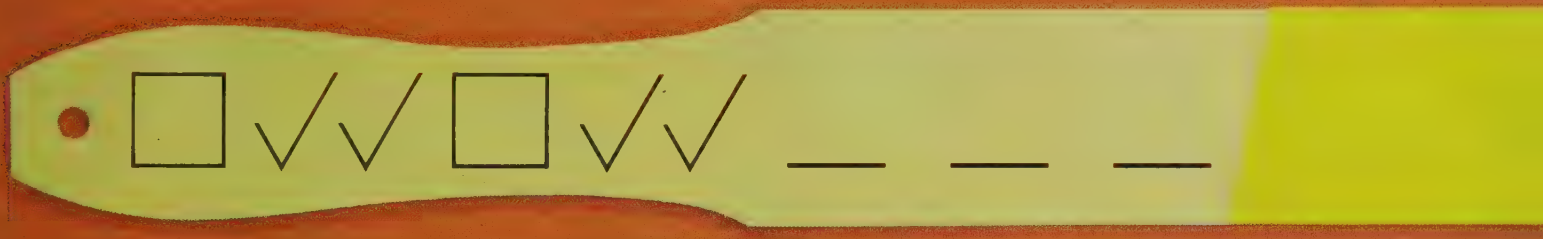


Complete.





Match.

Place the correct coin on each picture.

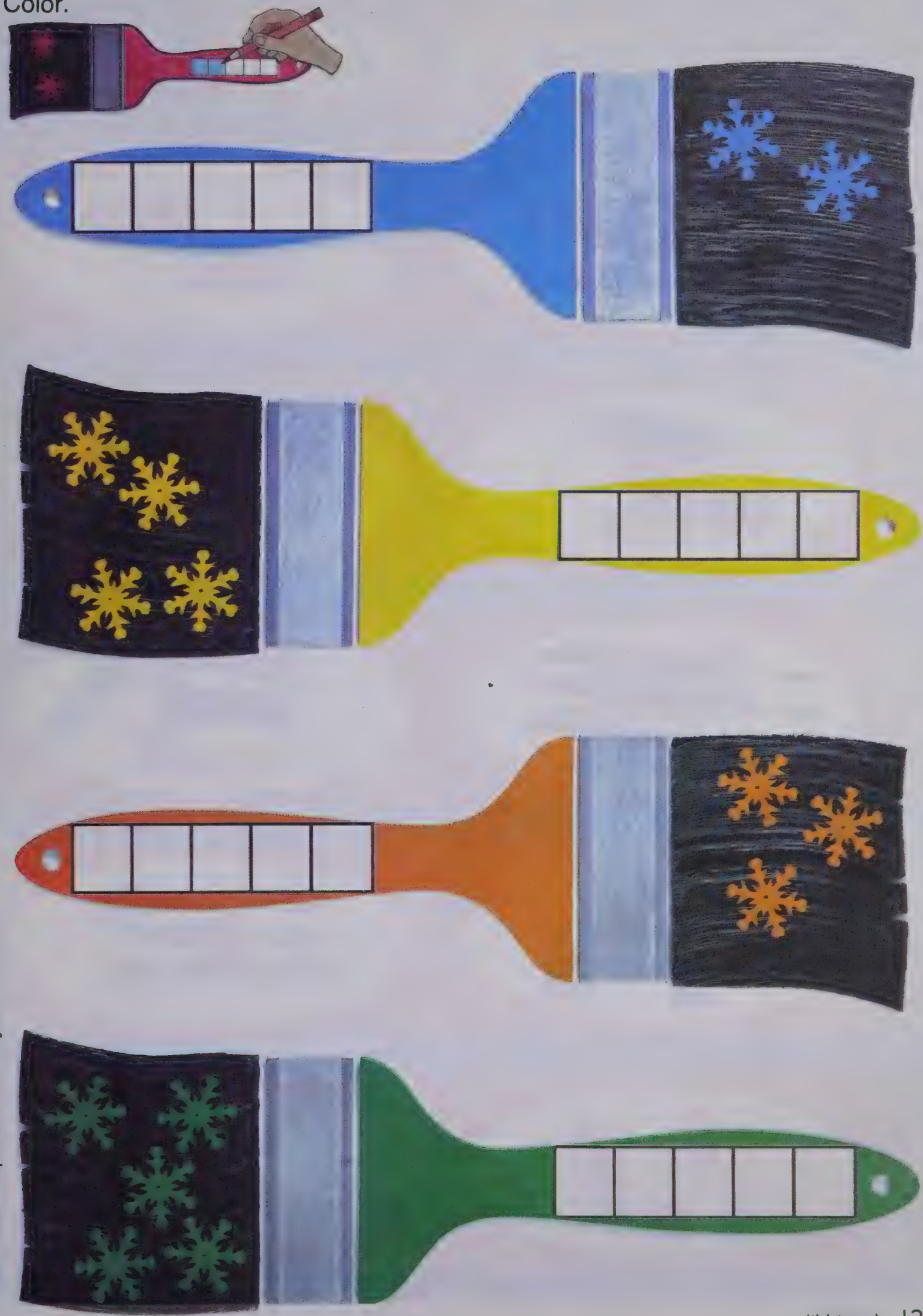
Match.

Draw lines to match.

Draw.

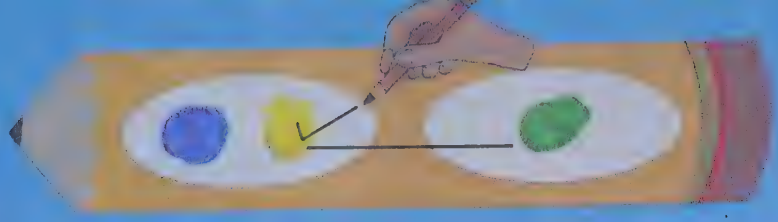
Draw lines to match. Draw a set with the same number of shapes.

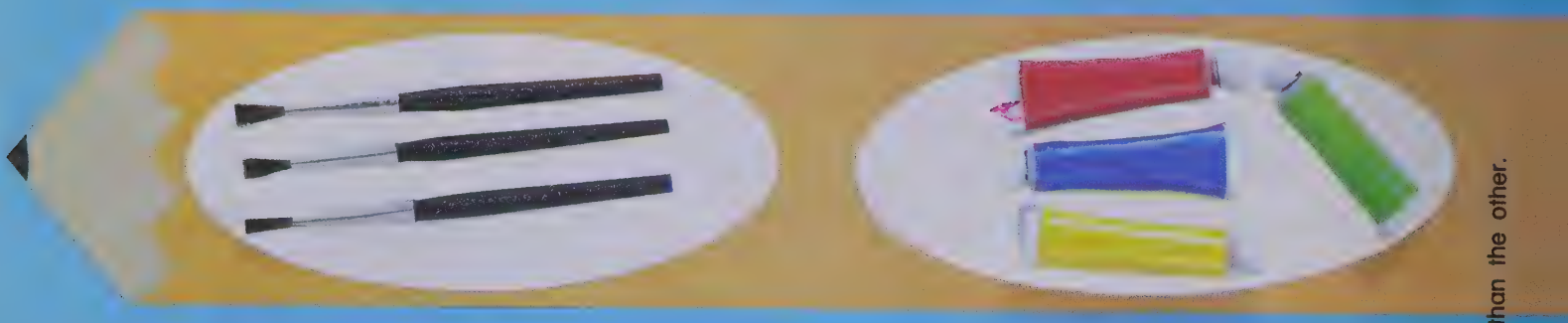
Color.



Color inside a square for each object in the set.

Match and mark.





Draw lines to match. Use a √ to show the set that has more than the other.

Match and mark.

Draw lines to match. Use a √ to show the set that has fewer than the other.

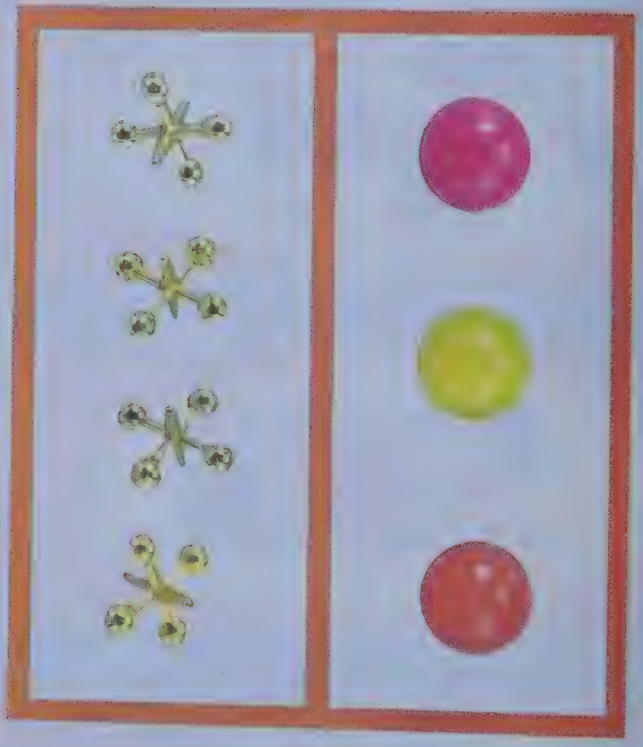
Match.

Draw.

Draw lines to match.
Draw a set with the same number of objects.

Mark.

Mark.



Use a ✓ to show the set in each pair that has fewer than the other.

Complete.

✓ ✓ ○ ✓ ✓ ○ ___ ___ ___

About Me

I'm special. I'm one.

Unit 2

1 one

Print.

How many ?

Print 1 on the tag for each set of one.

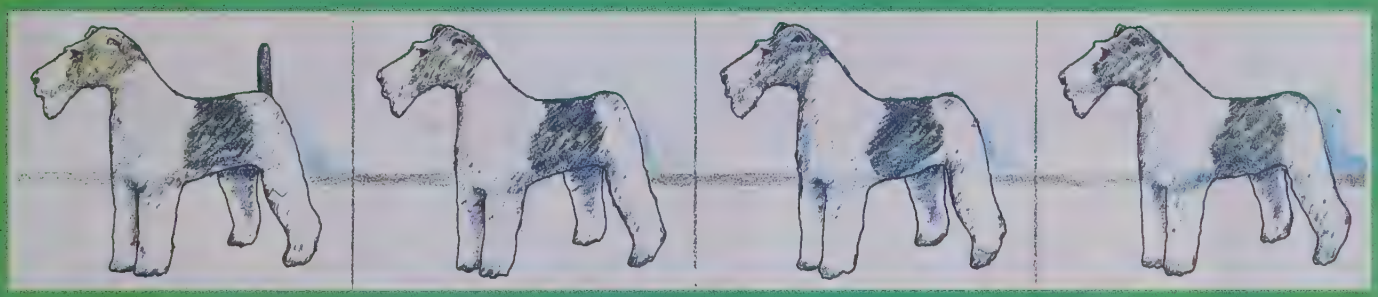
Draw.

one 

one 

Draw.

Put a tail on each dog.

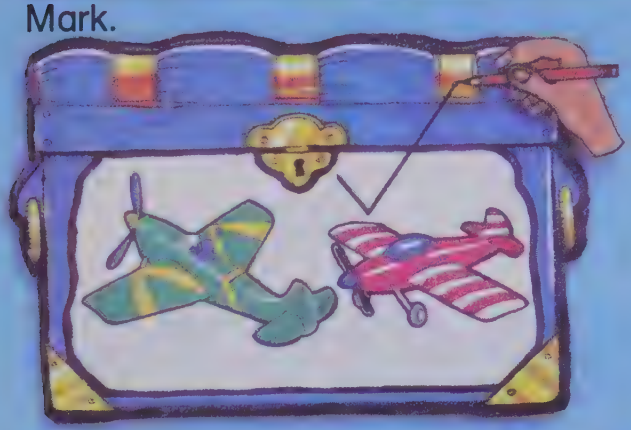


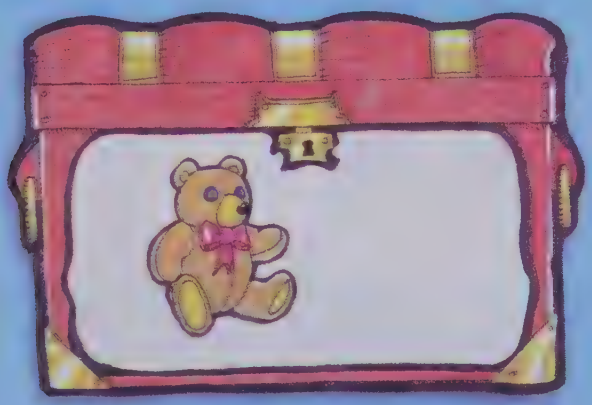
Play the game.

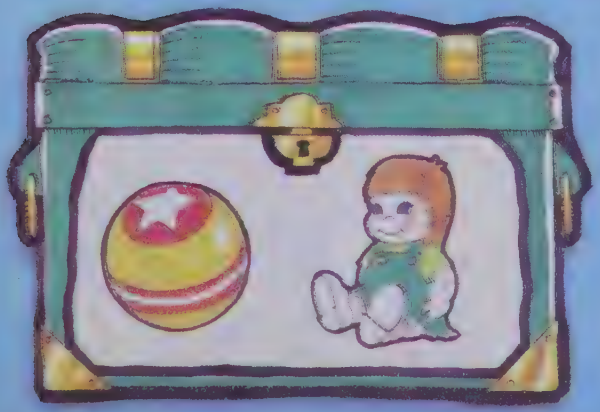
Here I am again.
Look, here comes my friend.
Now there are two of us.

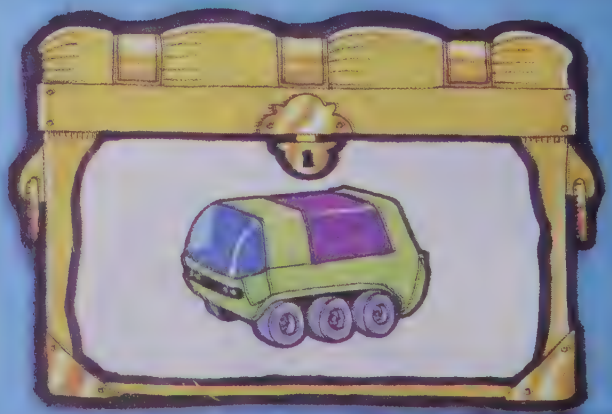
2 two

Mark.









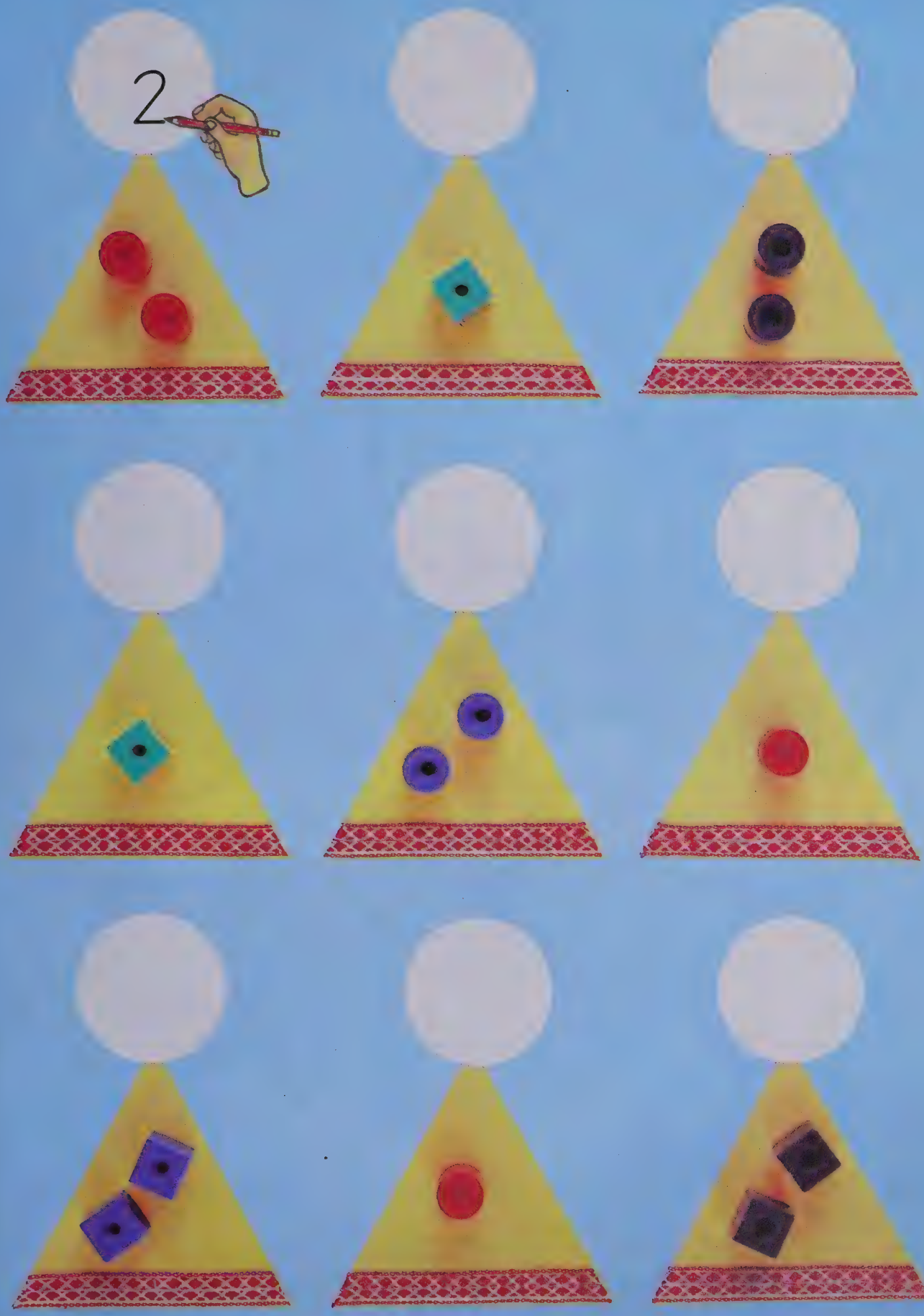
Use a ✓ to show sets of two.

Print.

2 2 2 2

Introduction to one-and-one-more, *two*; printing the numeral 2

How many ?



Print the correct numeral for each set.

Draw.

two large ●'s

two small ●'s

Draw.

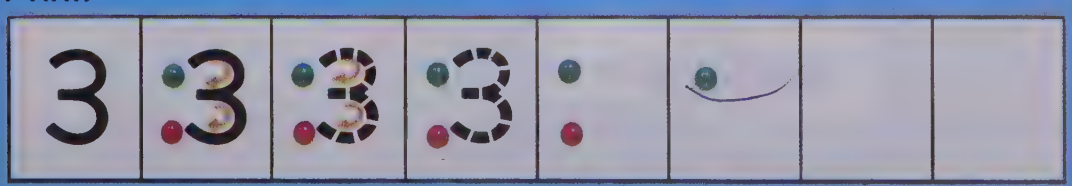
Play the game.

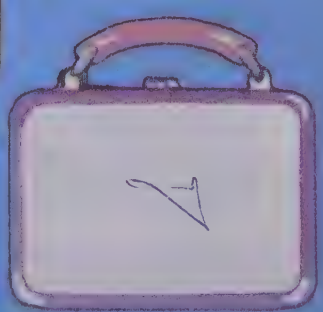
Draw two legs on each part.

Mark.

Use a ✓ to show sets of three.

Print.





How many ?

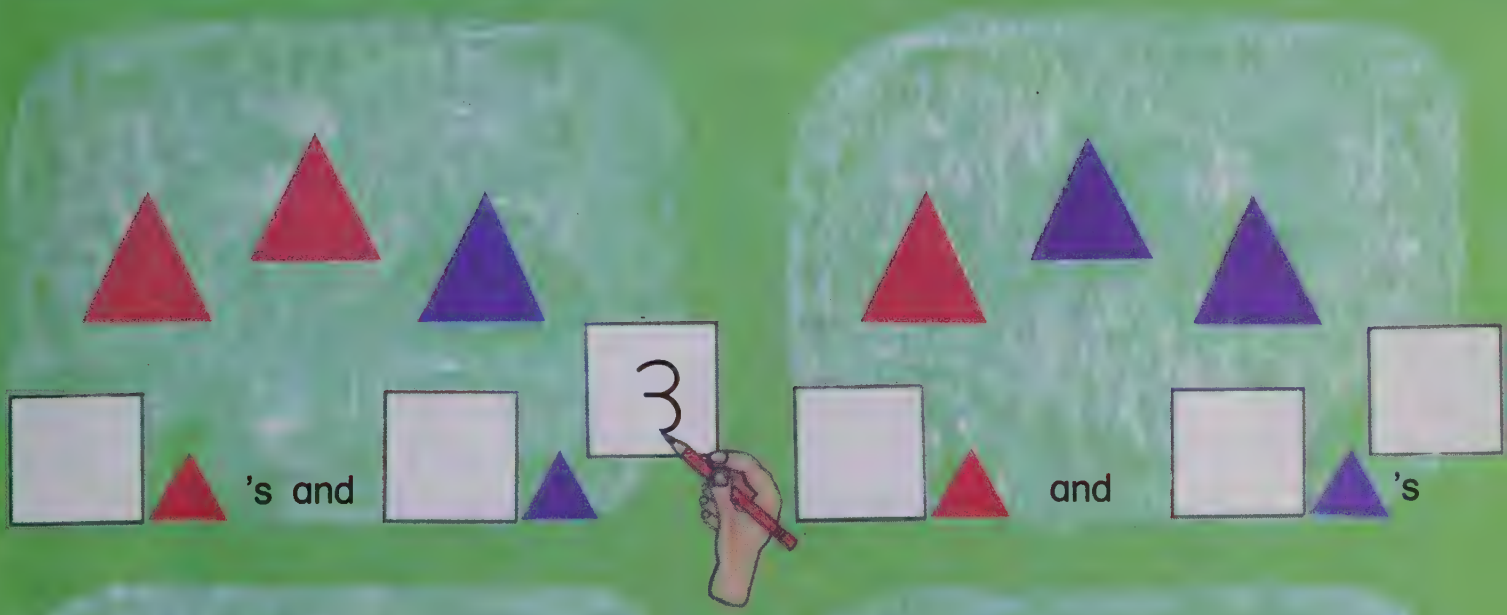
Print the correct numeral for each set.

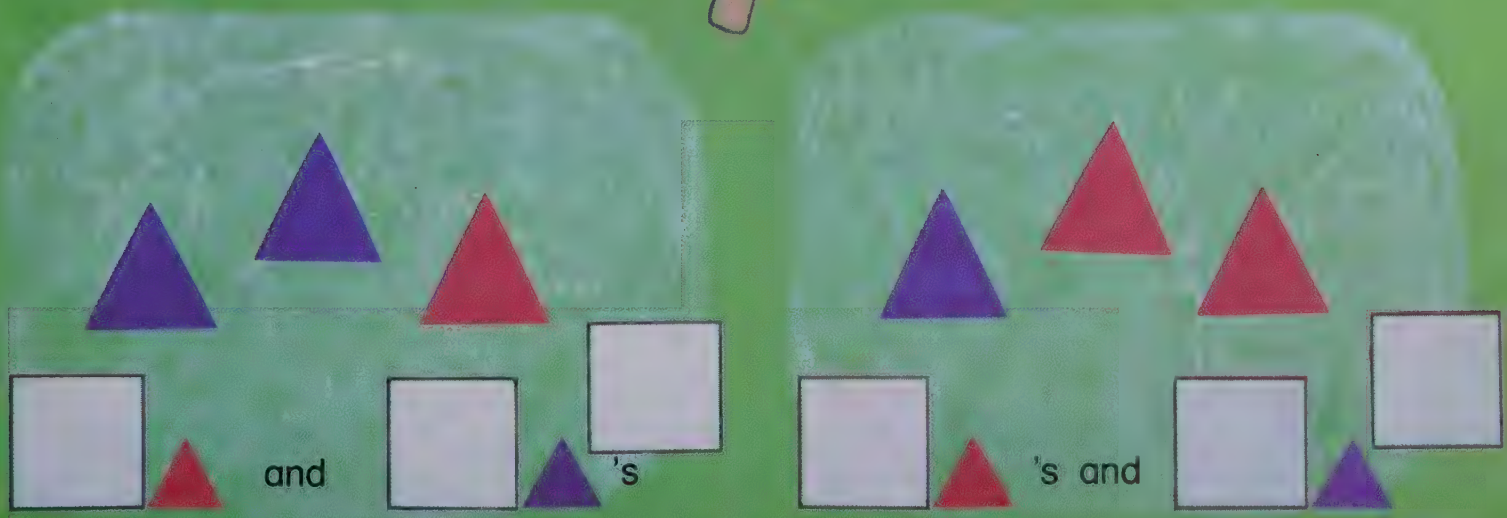
Draw.

three large ▲ 's

three large ▲ 's

How many ?





Draw.

Play the game.

Draw three eggs in each nest.

Tell.

Find sets of three.

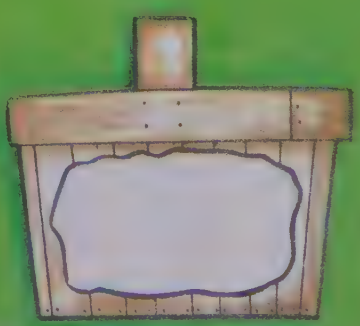
Three friends
and one more

4 four

Mark.

Use a √ to show sets of four.

Print.



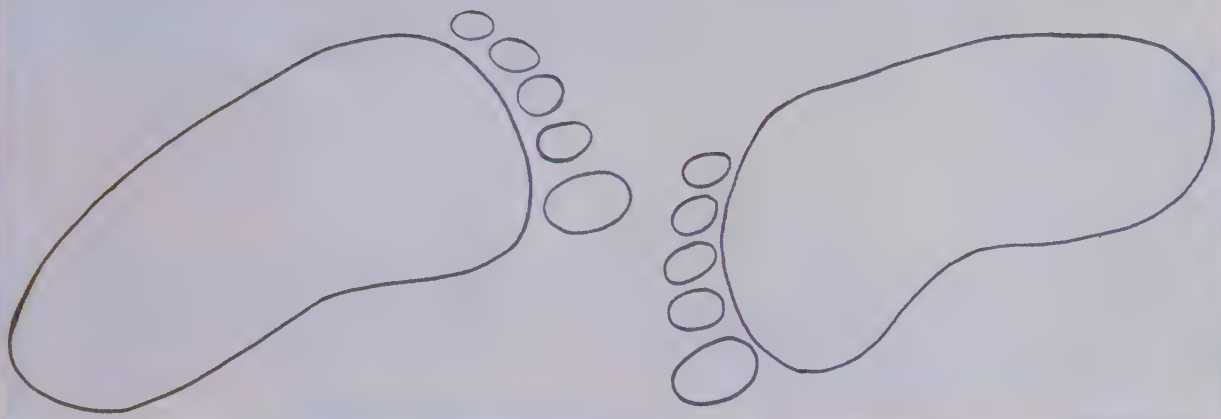
How many ?

Print the correct numeral for each set.

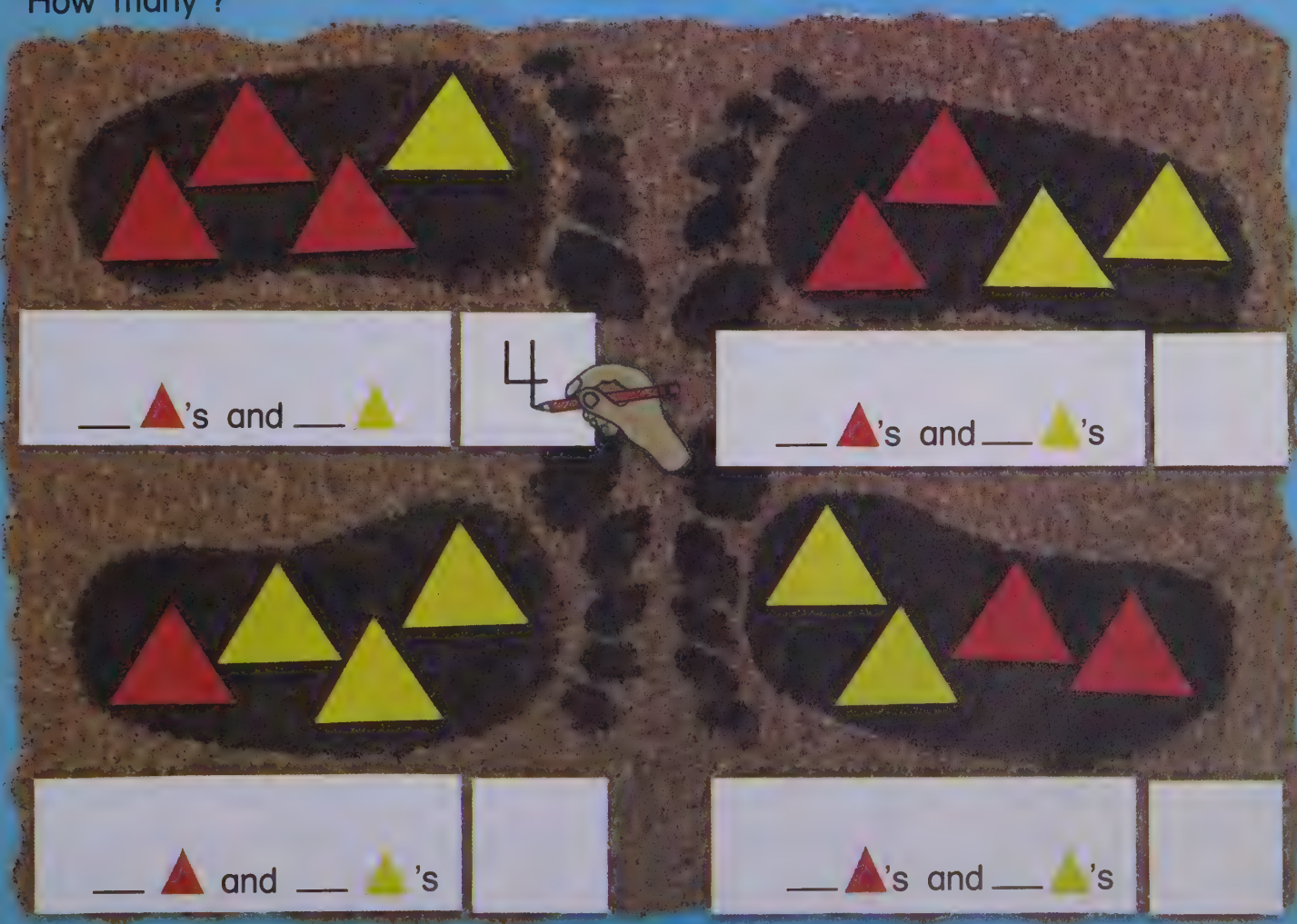
Draw.

four large ▲'s

four large ▲'s



How many ?



Draw.

Play the game.

Tell.

Draw four windows in each house.

Find sets of four.

Four and one more are five.

5 five

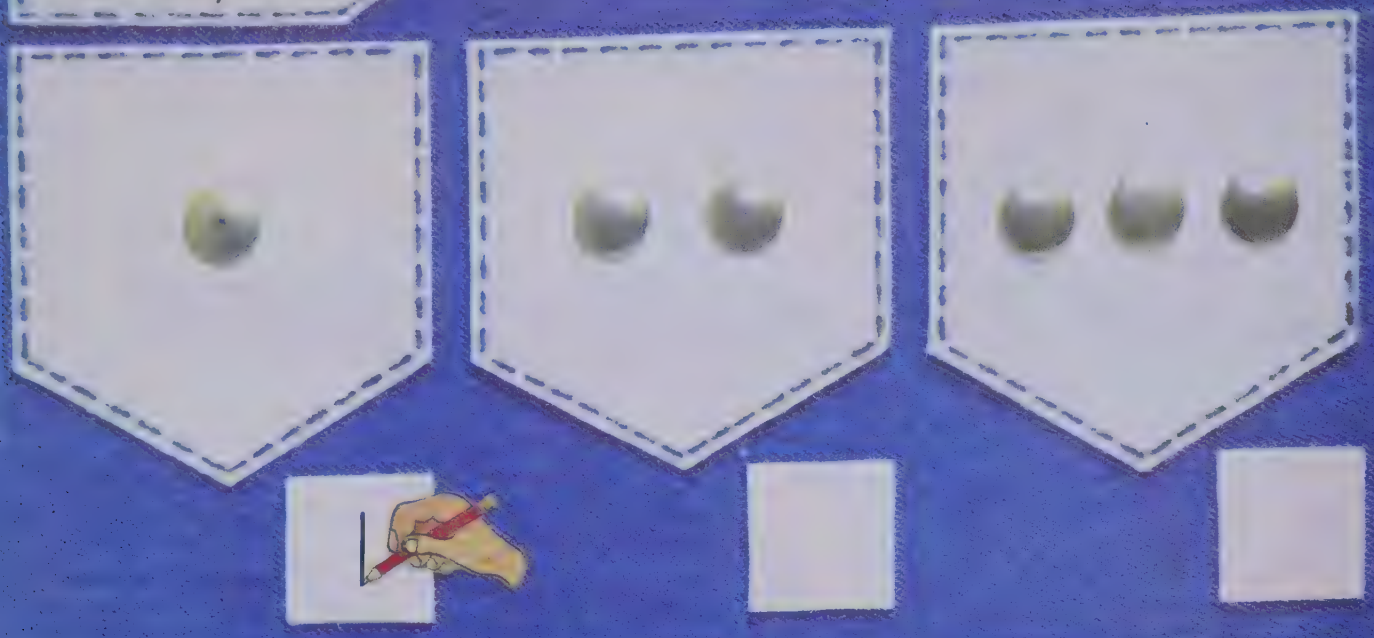
Mark.

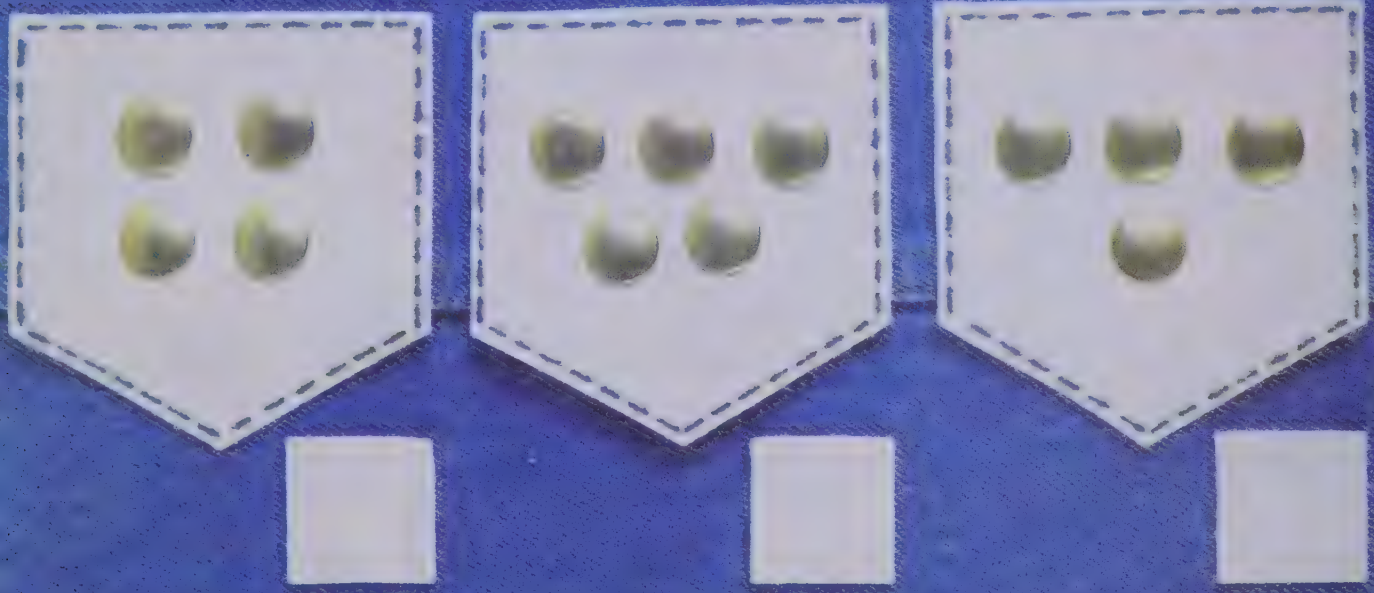
Use a √ to show sets of five.

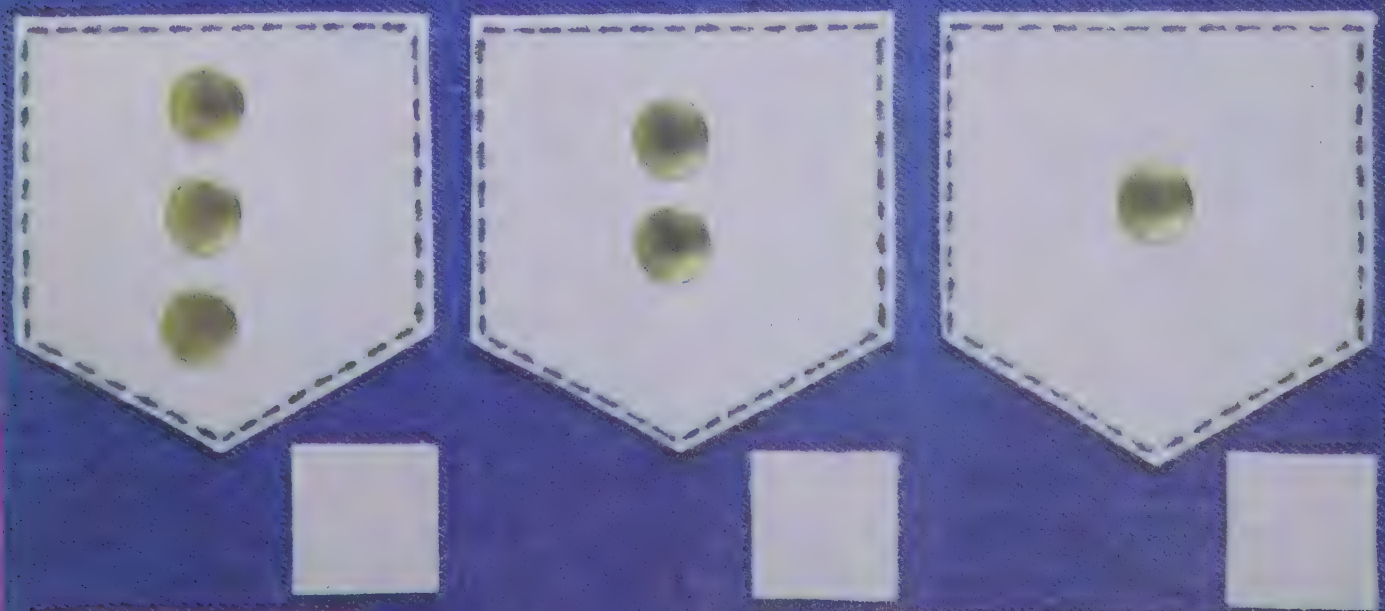
Print.

5	5	5	5				

How many ?







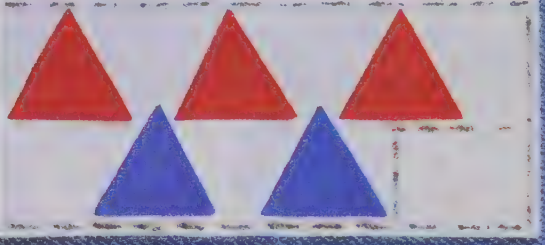
Print the correct numeral for each set.

Draw.

five large ▲'s

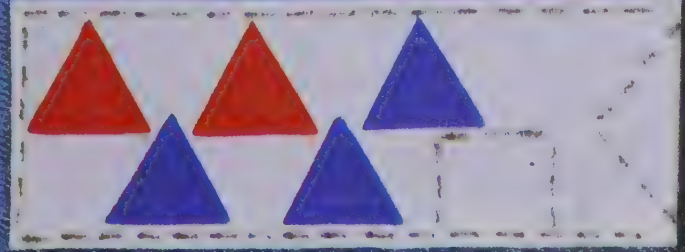
five large ▲'s

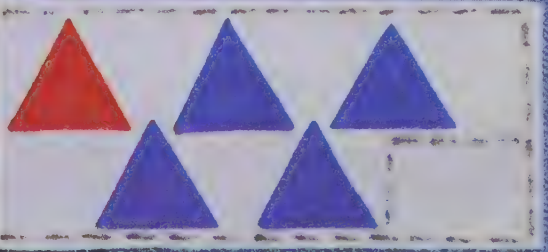
How many ?



___ ▲'s and ___ ▲

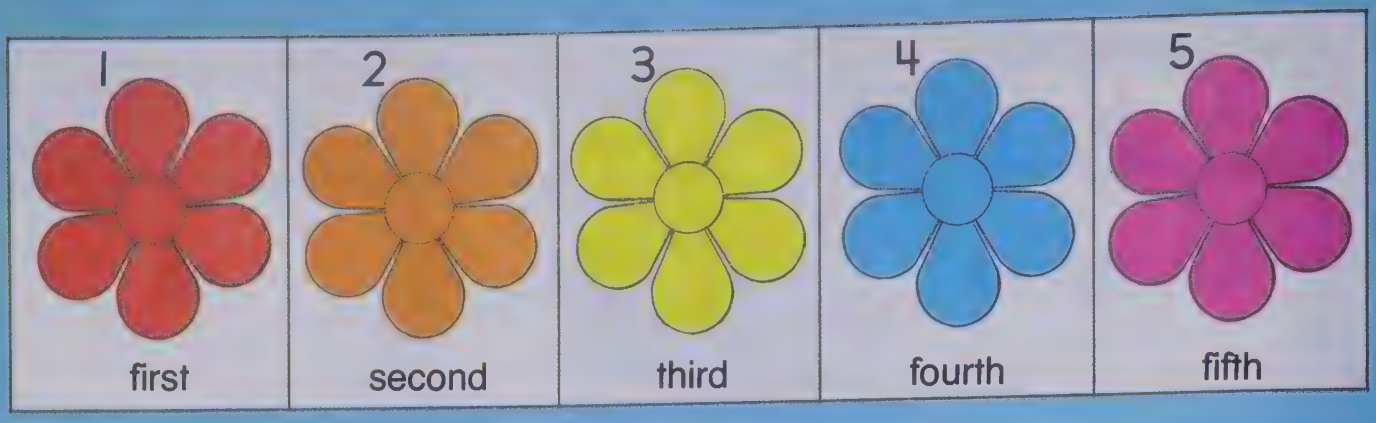
___ ▲'s and ___ ▲'s



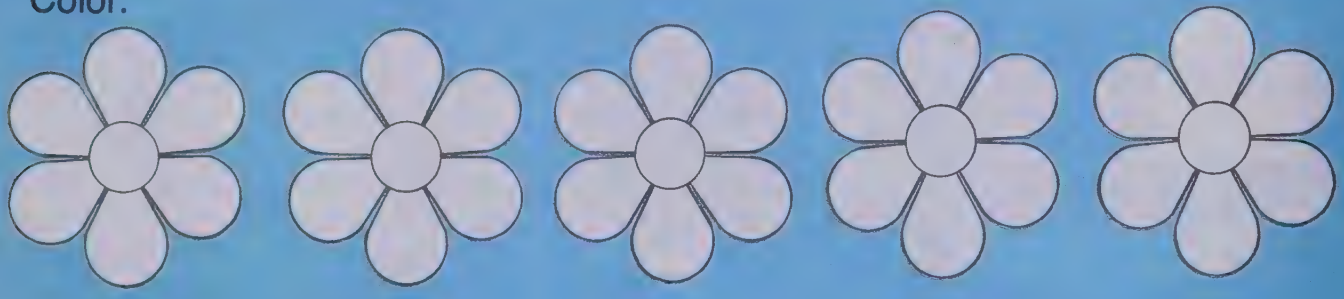


___ ▲'s and ___ ▲'s

___ ▲ and ___ ▲'s



Color.



Color each flower.

Draw.

Play the game.

Draw a flower for each stem.

Understanding the ordinal number concepts to *fifth*

How many ?

sides 3 corners 3

sides ____ corners ____

sides ____ corners ____

sides ____ corners ____

sides ____ corners ____

sides ____ corners ____

For each shape, count the sides and the corners.

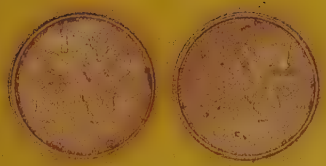
Use a √ to show morning activities. Use an X to show evening activities.

Match.

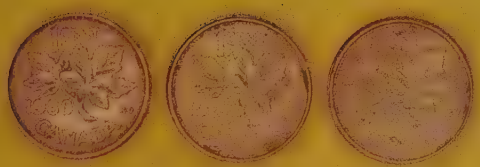
penny

1 cent 1¢

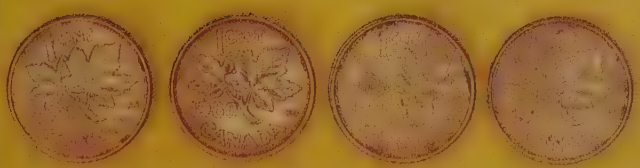
3¢



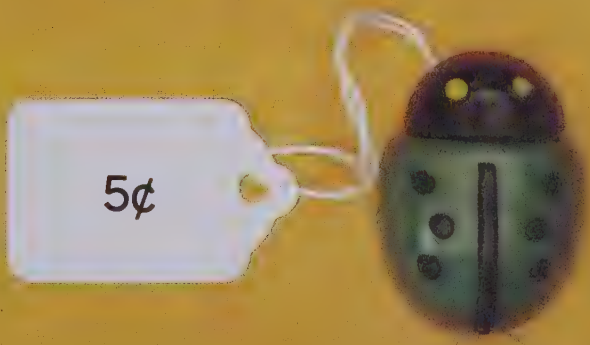
1¢

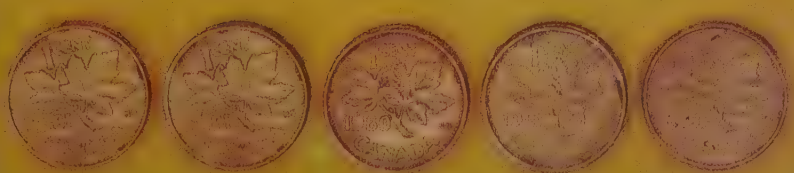


2¢

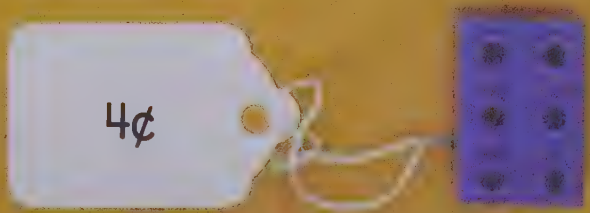


5¢





4¢



Match the price of each item with the correct number of pennies.

How many ?

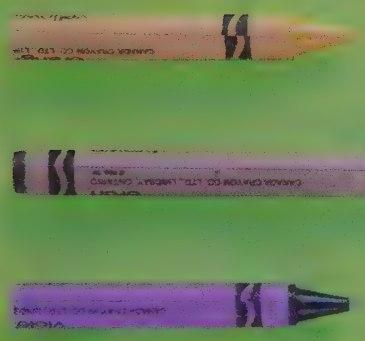
Print the correct numeral for each set.

Draw.

two  's

five  's

Mark.



Use a ✓ to show the objects that have the same length.

Mark.

0 zero

Use a √ to show sets of zero.

Print.

0 0 0 0

Recognizing sets of zero; printing the numeral 0

How many ?

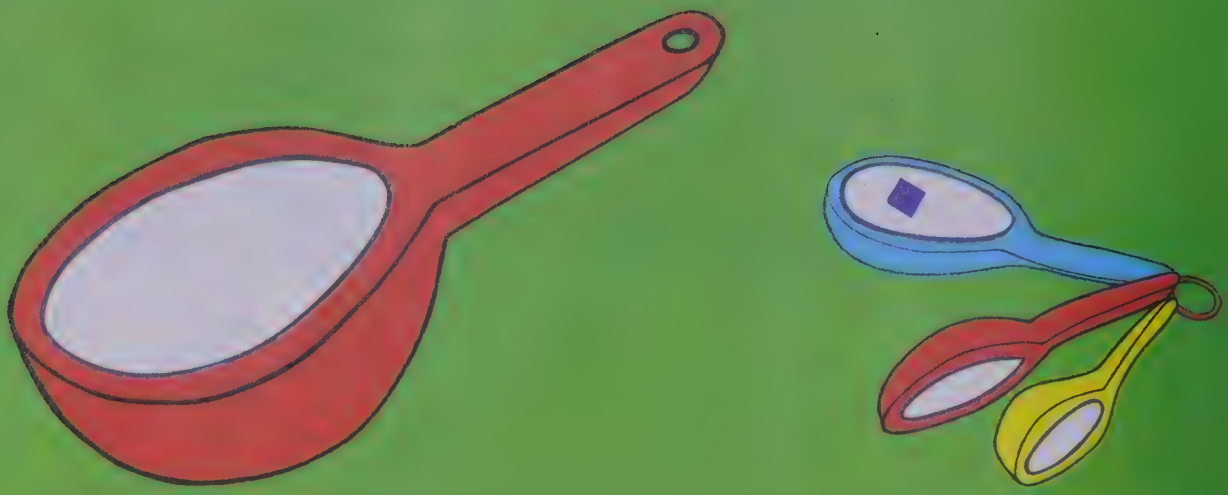
0

Print the correct numeral for each set.

Draw.

three ■'s inside the spoon

two ■'s outside the spoon



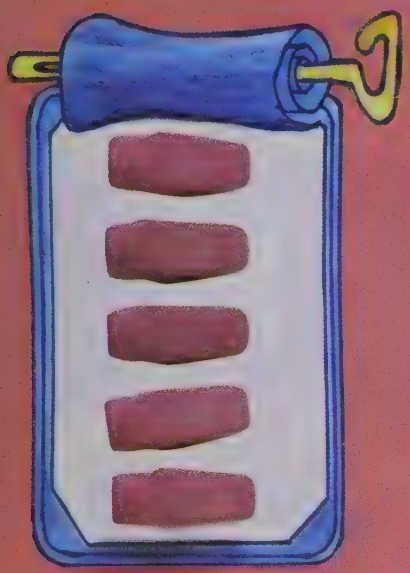
How many ?

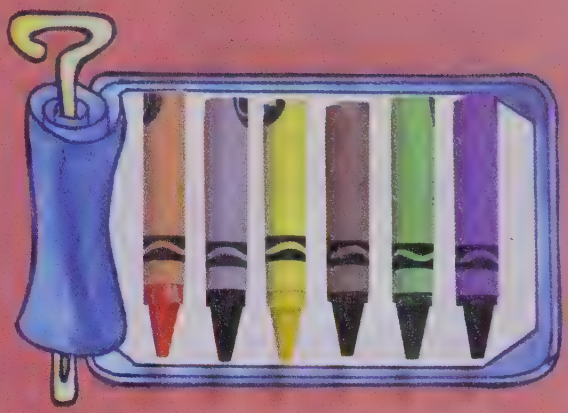
Print the correct numeral for each set.

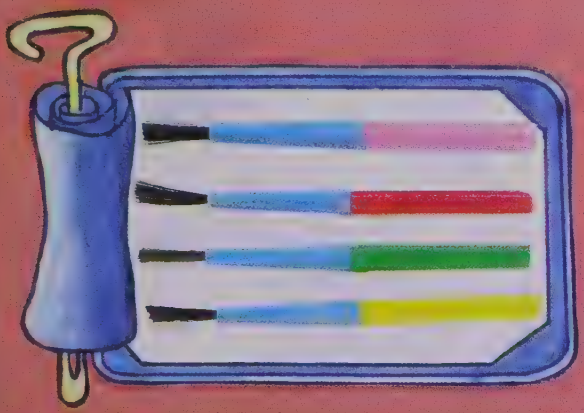
Introduction to the concepts *inside* and *outside*; identifying sets of zero to five

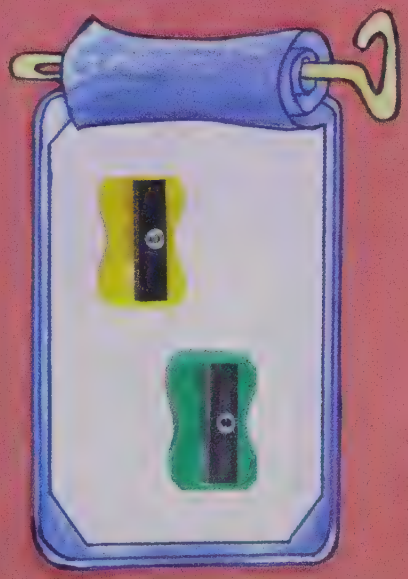
Mark.

6 six



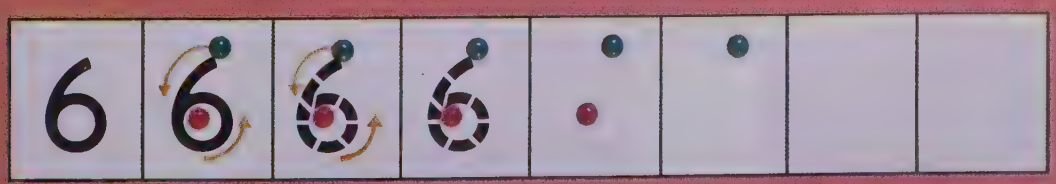


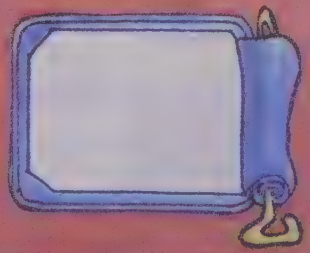




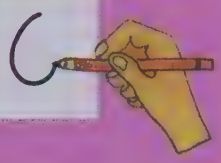
Use a √ to show sets of six.

Print.





How many ?



Print the correct numeral for each set.

Draw.

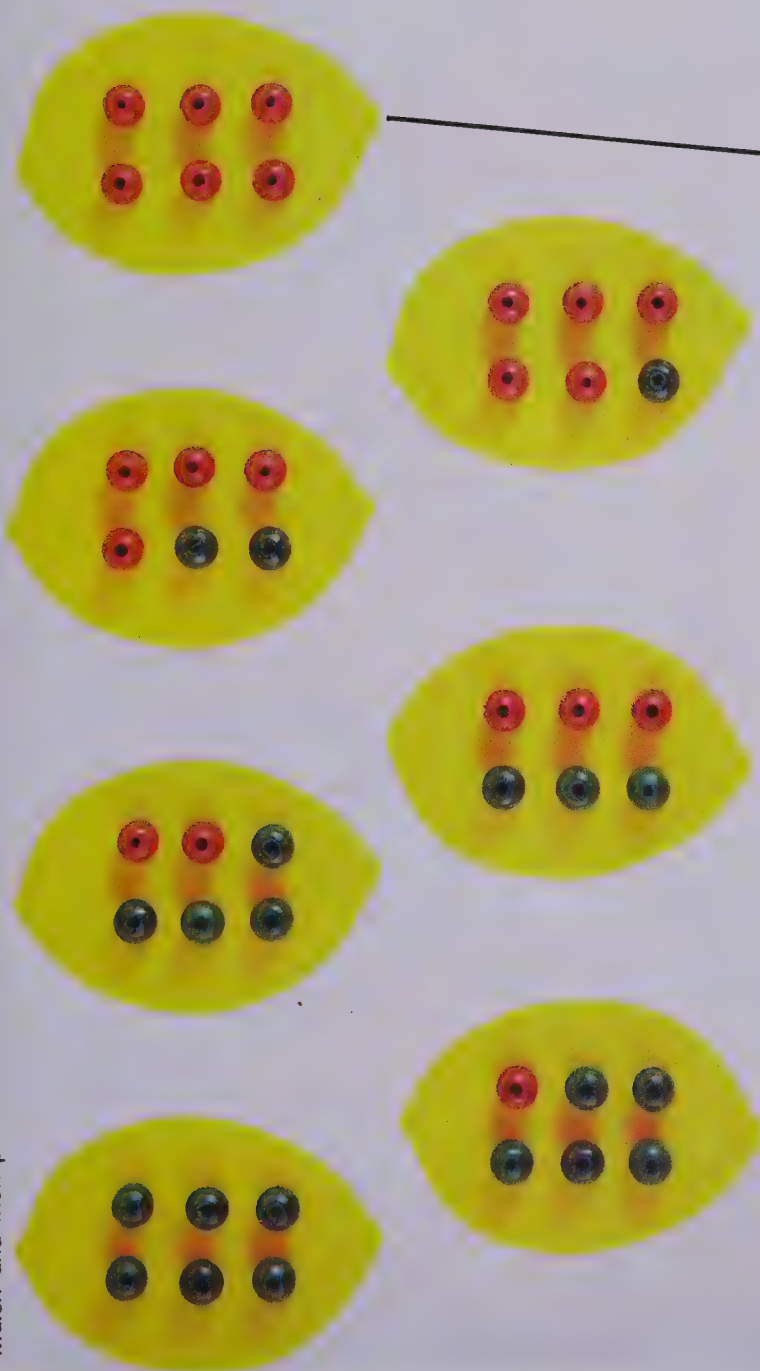
six ●'s under the table

six ■'s on the table

Match.

6
six

●'s ●'s



6 and 0

5 and 1

4 and ____

____ and 3

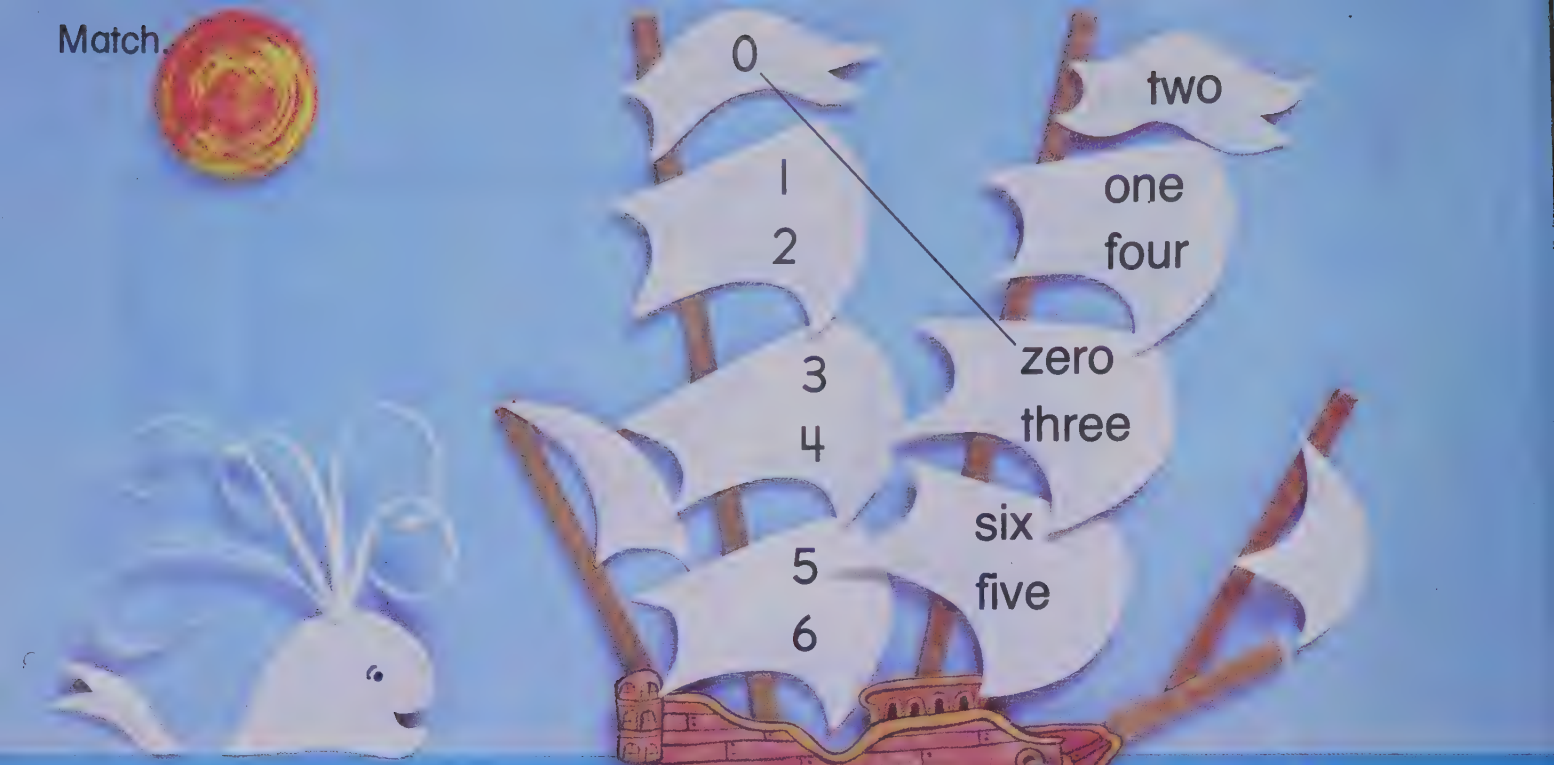
2 and ____

1 and ____

0 and ____

Match and then print the numerals.

Match.



Play the game.

Reinforcement of the words and the numerals for 0 to 6

Mark.

7 seven

Use a √ to show sets of seven.

Print.

7	7	7	7				

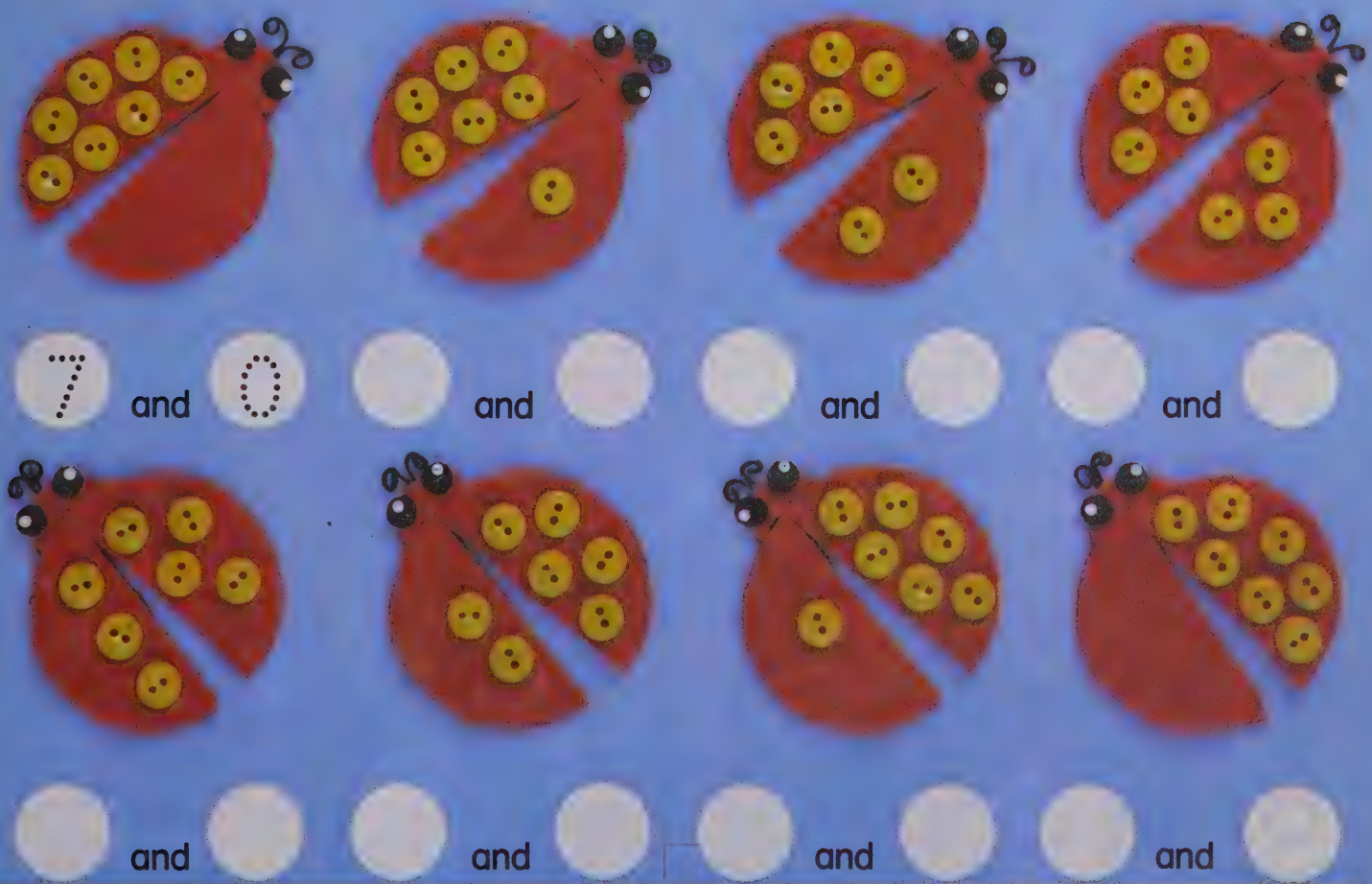
How many ?

Print the correct numeral for each set.

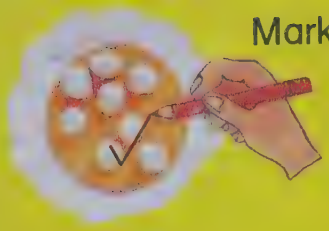
Draw.

Draw apples on each tree to match the number shown.

How many ?



Mark.



8 eight

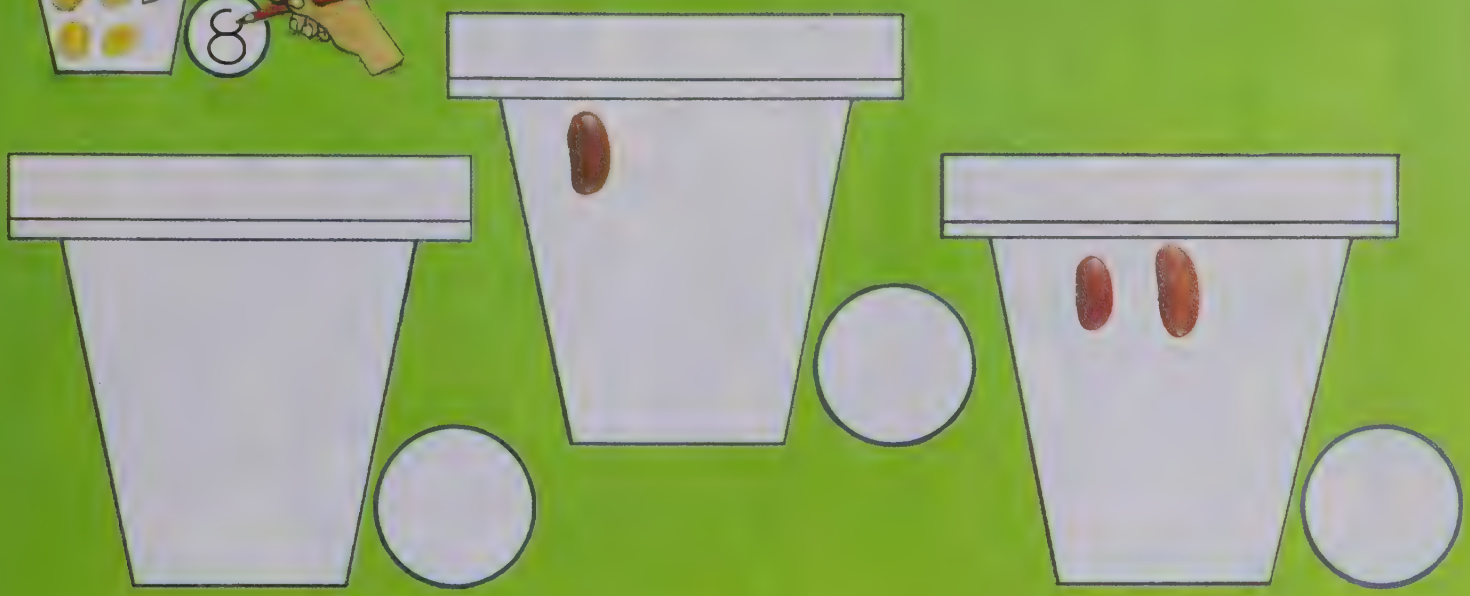
Use a ✓ to show sets of eight.

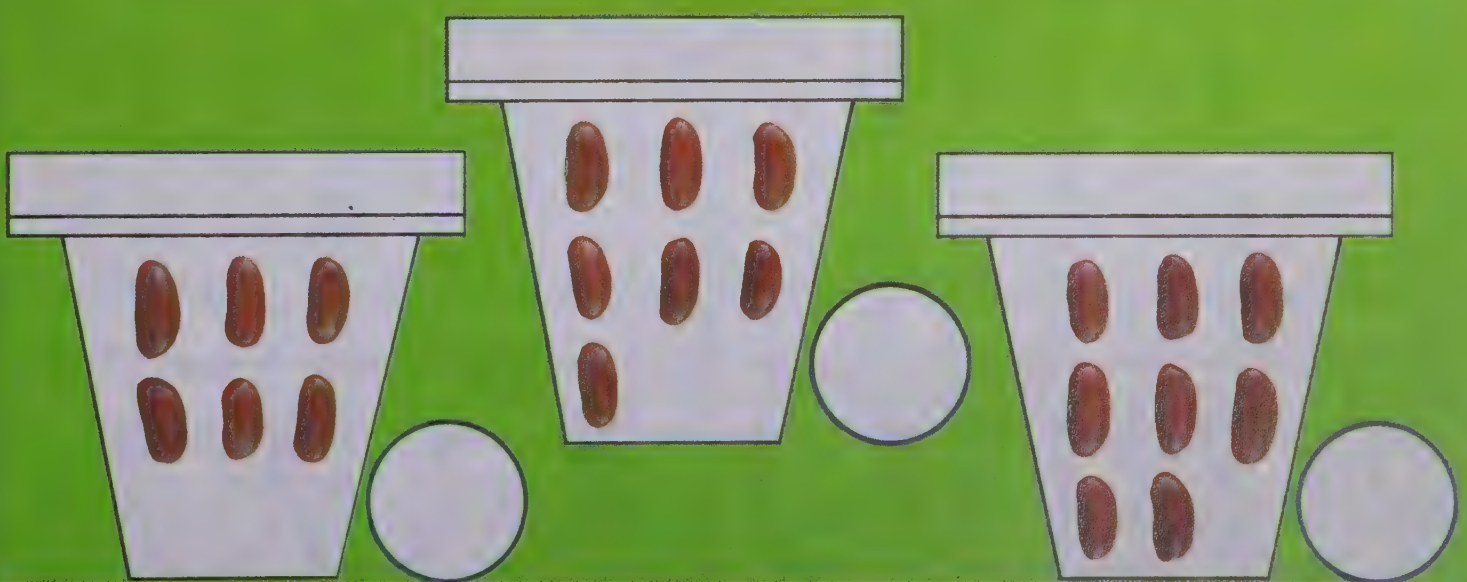
Print.

8	8	8	8				

Recognizing sets of eight; printing the numeral 8

Make sets of 8.



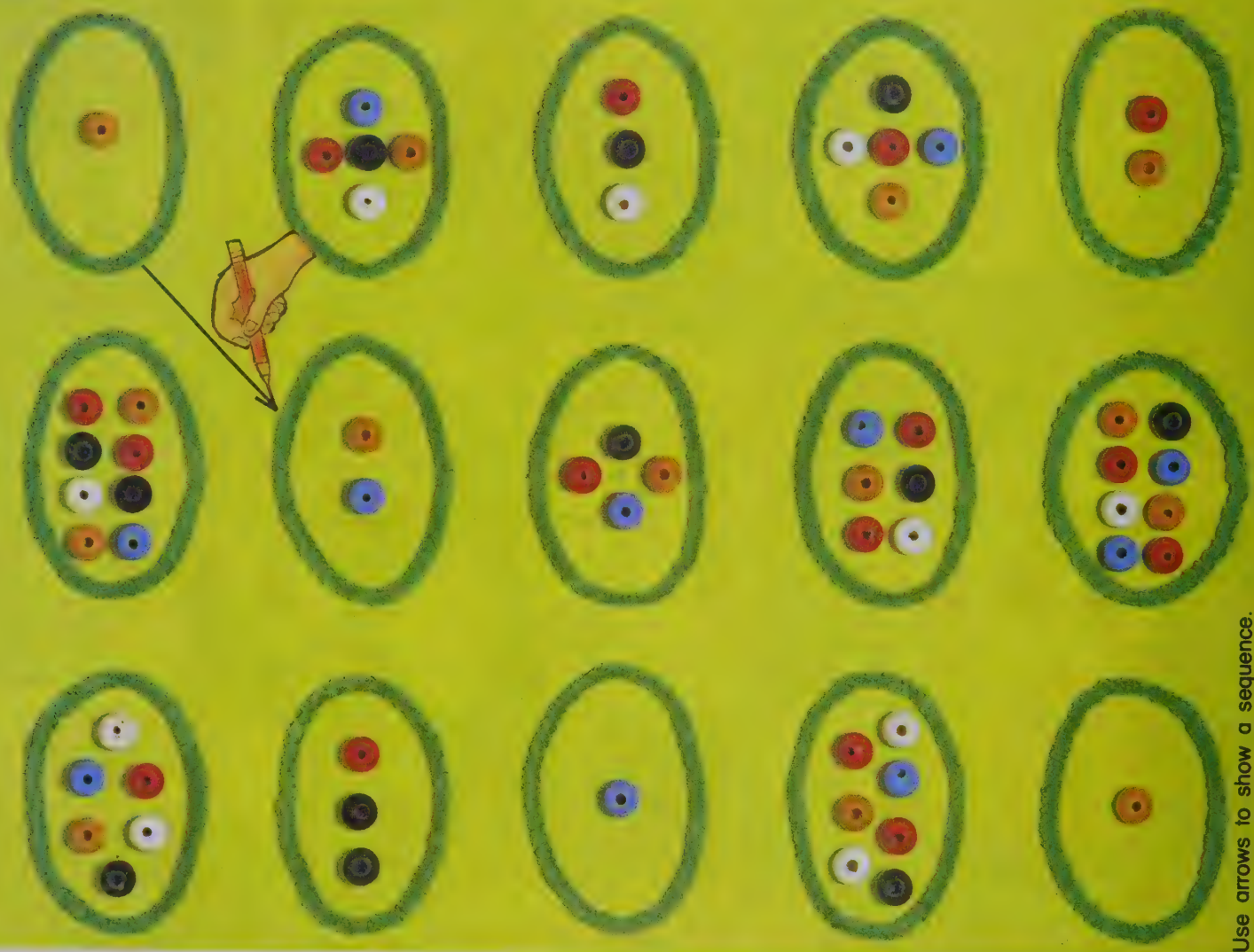


Make each a set of eight. Print 8 for each set.

Draw eight ● 's above the string.

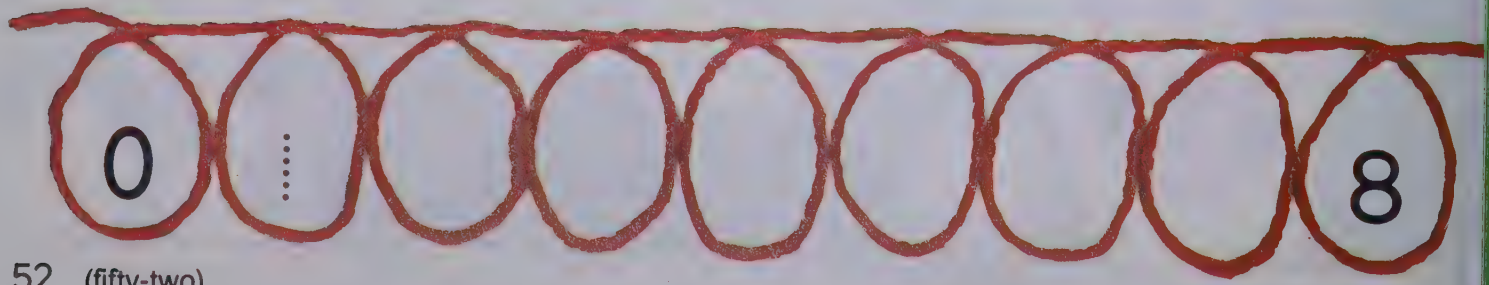
Draw eight ● 's below the string.

Mark.



Use arrows to show a sequence.

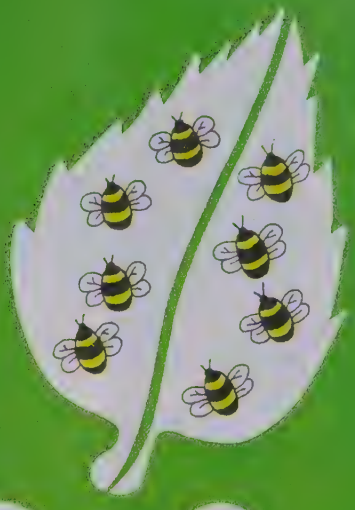
Print.



Reinforcement of the numbers from 0 to 8

How many ?

and



and

and

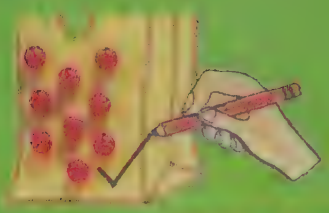
and

and

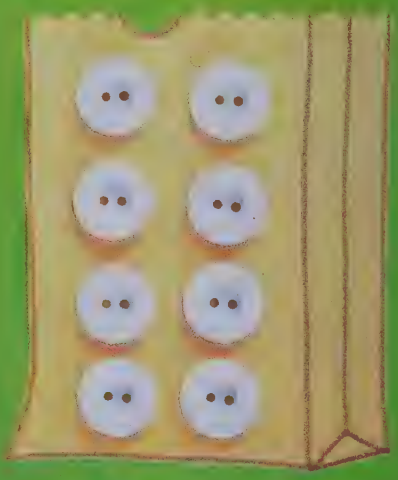
and

Play the game.

Mark.



9 nine



Use ◘ √ to show sets of nine.

Print.

Recognizing sets of nine; printing the numeral 9

Make sets of 9.

Make each a set of nine. Print 9 for each set.

Draw.

nine ◯ 's between the pencils

Color.

How many are blue ?

How many did you color ?

0										9
3										6

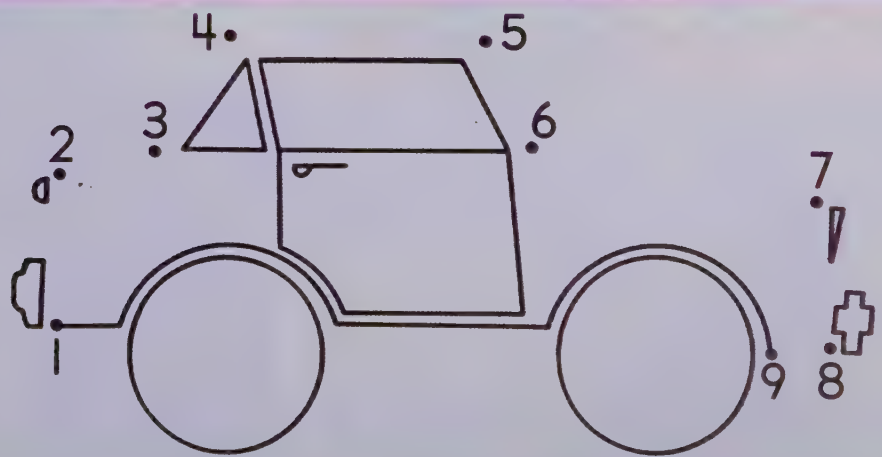
Ring.

Make two sets from nine objects.

Print.

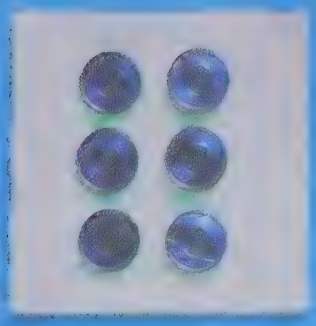
0 ___ 2 ___ ___ 5 ___ ___ 8 ___

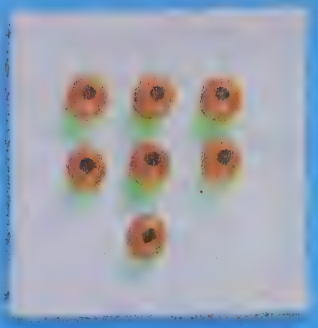
Draw.

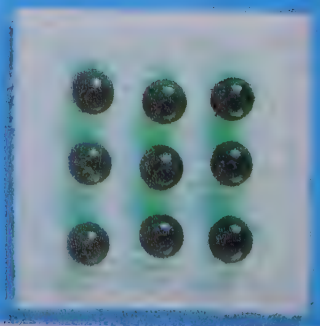


Follow the dots.

Match.

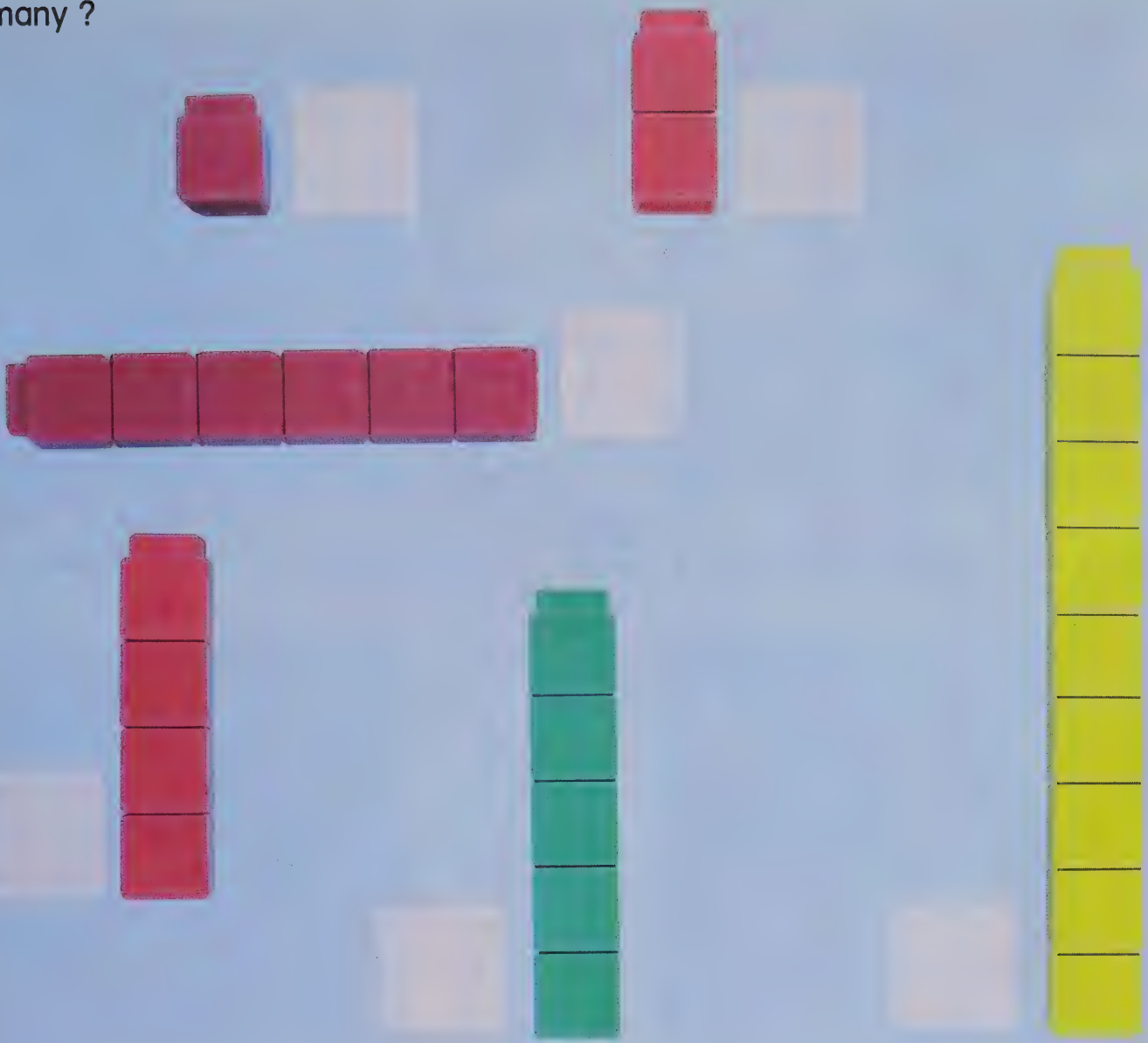


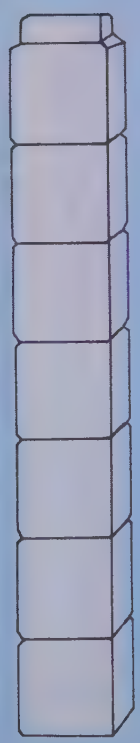




Match each set with the number of the set.

How many ?





Show the number of cubes for each "train". Using Unifix cubes, put the "trains" in order.

How many ?

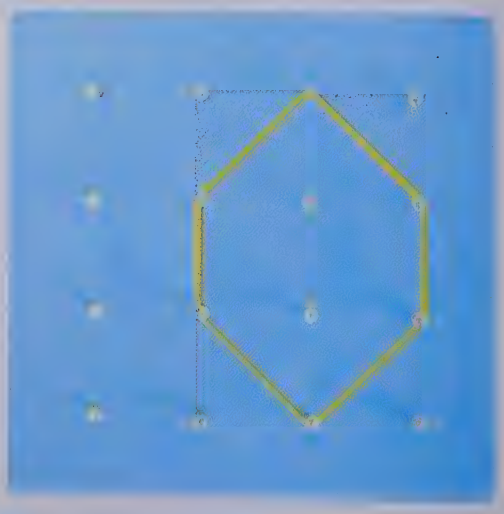
pegs inside ___ pegs outside ___

pegs inside ___ pegs outside ___

pegs inside ___ pegs outside ___

pegs inside ___ pegs outside ___

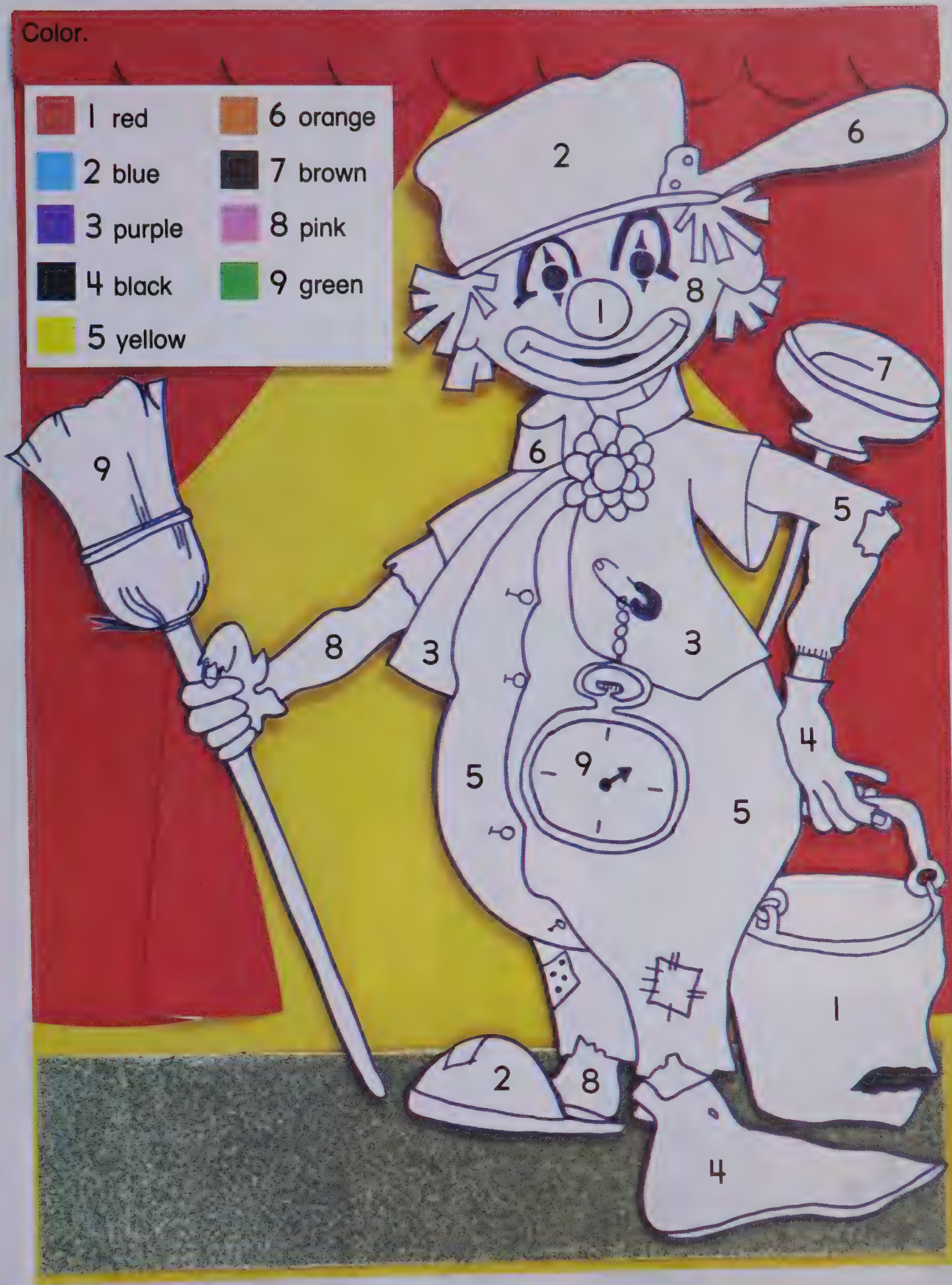
pegs inside ___ pegs outside ___



pegs inside ___ pegs outside ___

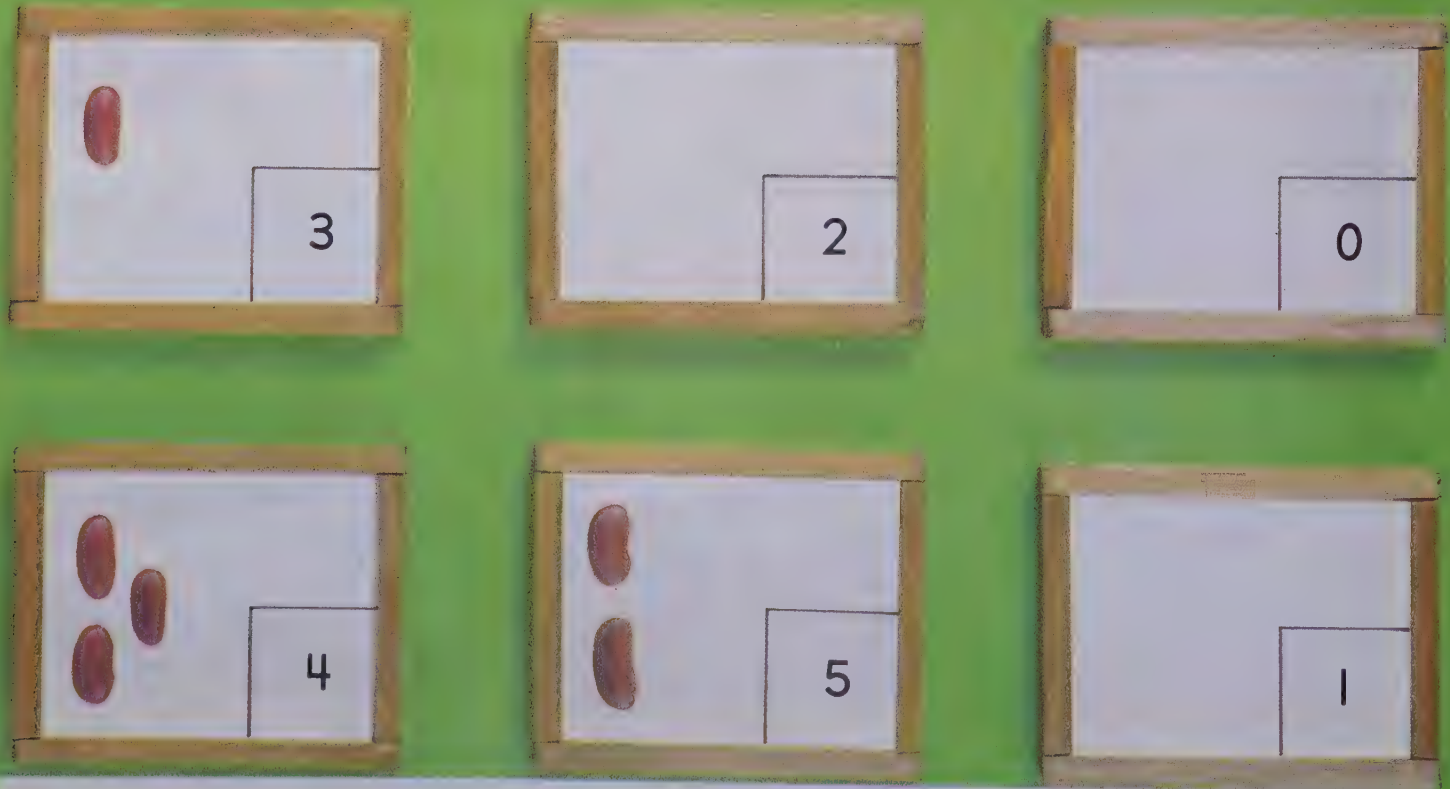
Count the pegs inside and the pegs outside each shape.

Color.


1 red
2 blue
3 purple
4 black
5 yellow
6 orange
7 brown
8 pink
9 green

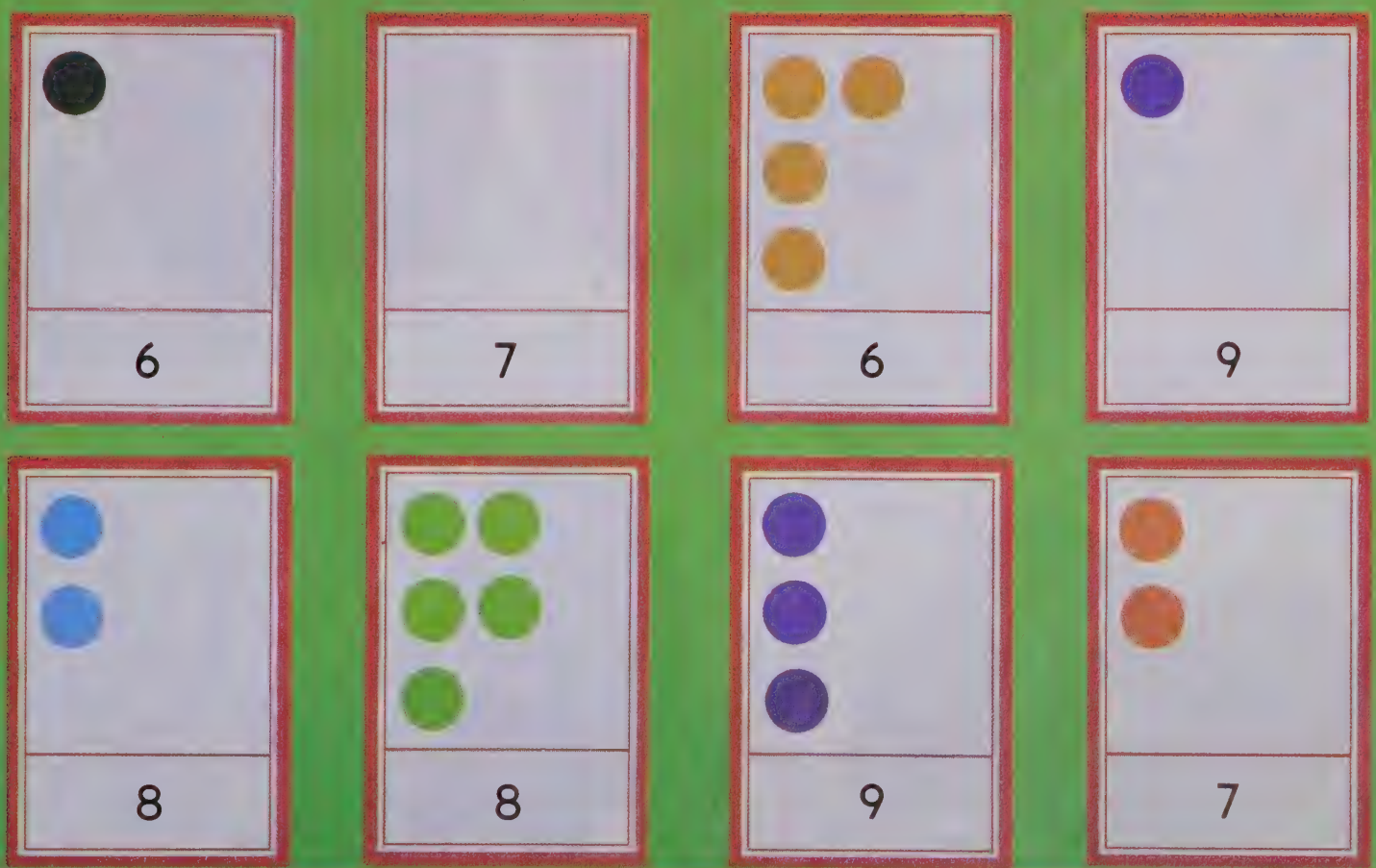
How many ?

Make sets.



How many ?

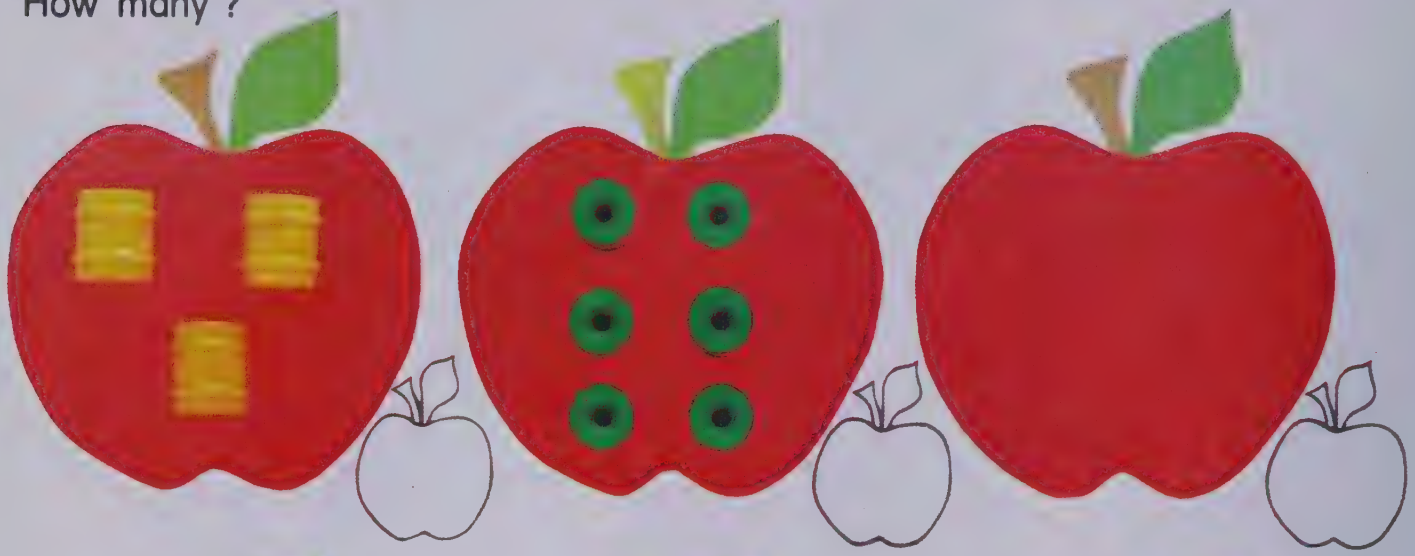
Make sets.

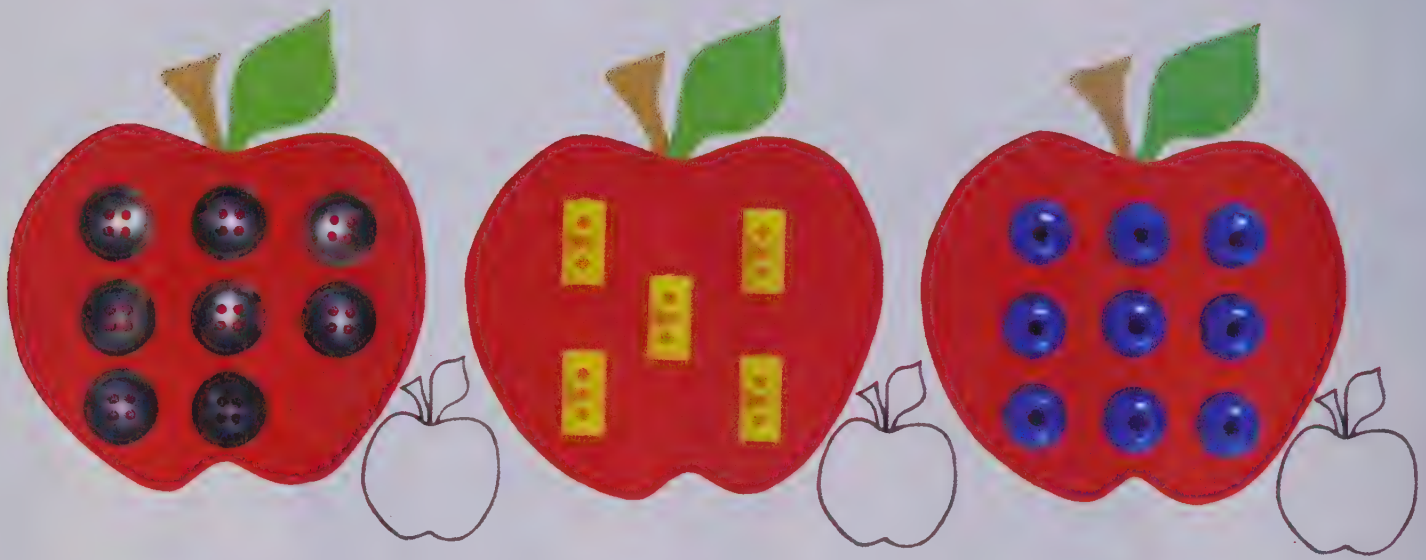


Print.

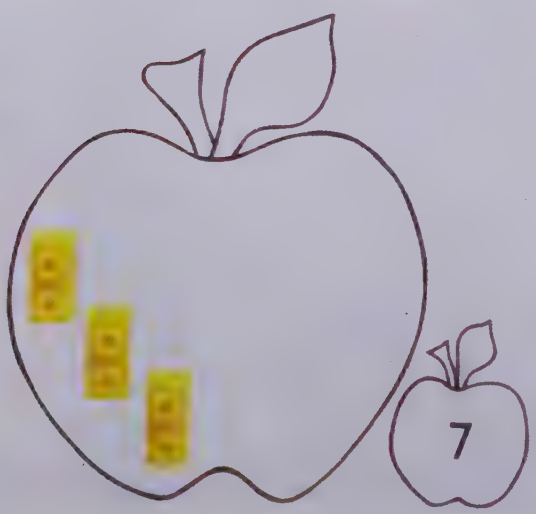
0	⋮								9

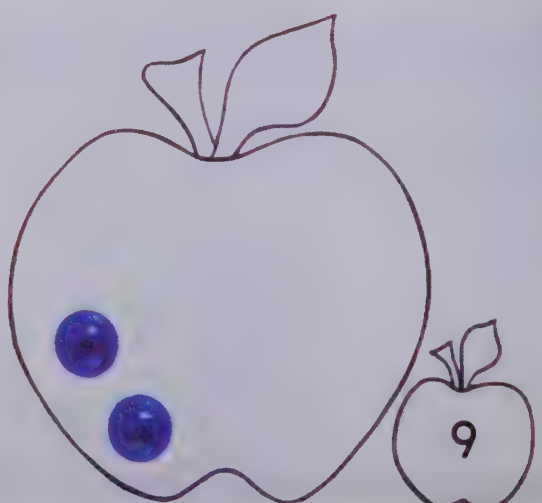
How many ?





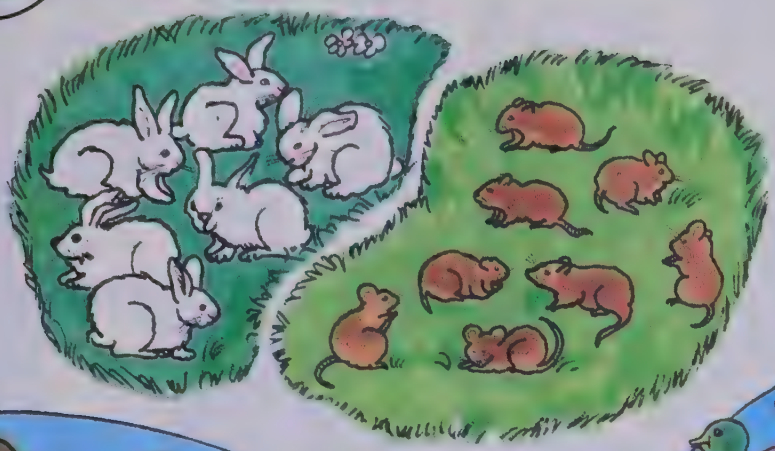
Make sets.





Ring.

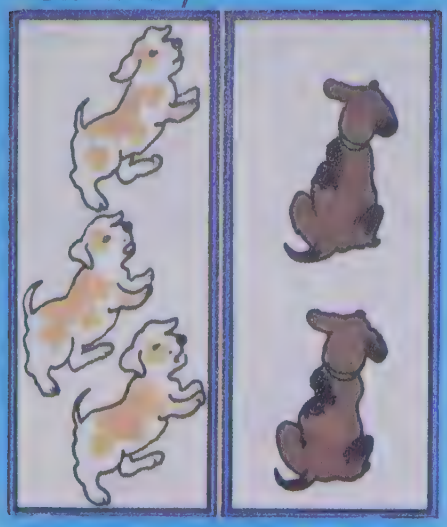
Ring the set that has more than the other.



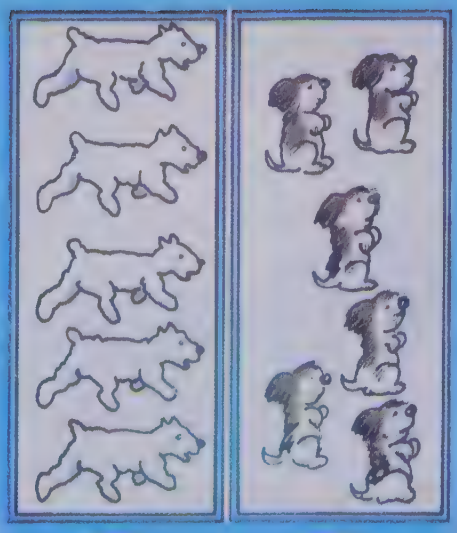
Mark.

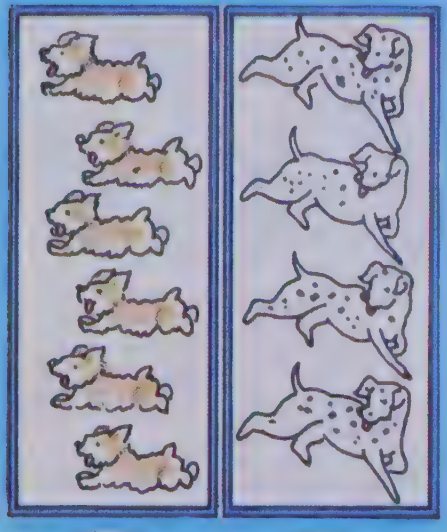
Use a √ to show the set that has fewer than the other.

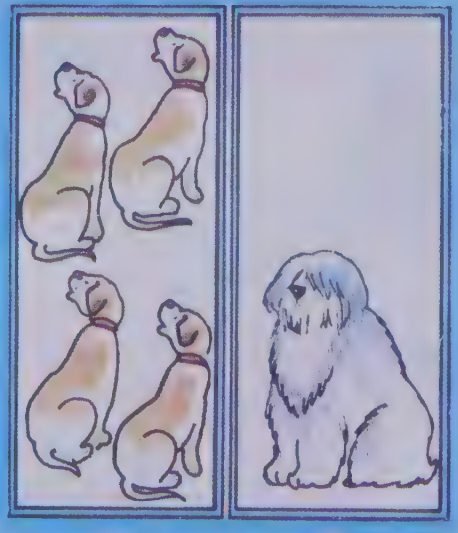
How many ?



3 2







6 7

3 4

2 0

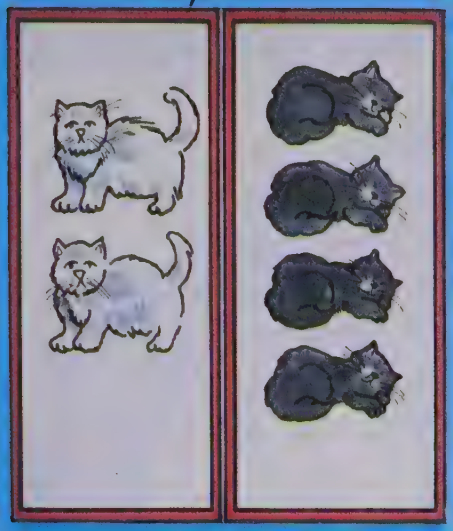
3 1

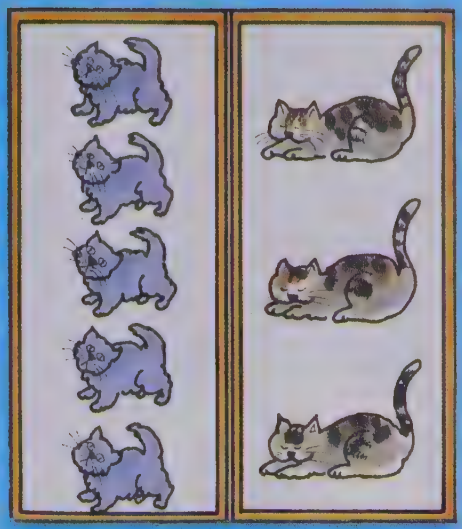
9 6

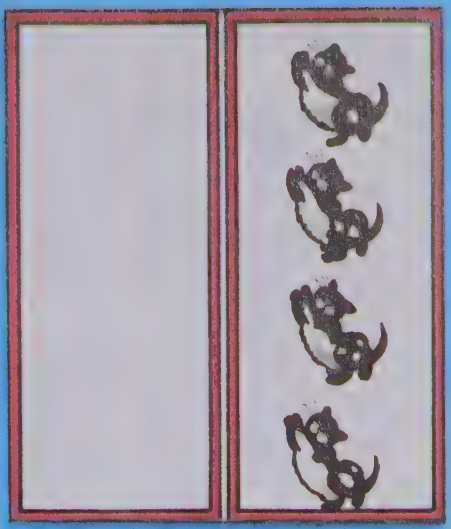
4 5

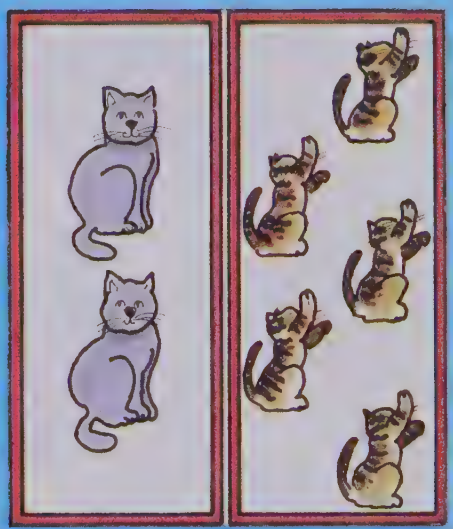
Ring the greater number in each pair.

How many ?









Use a ✓ to show the number in each pair that is less than the other.

3 2

0 1

7 4

1 7

8 9

6 5

What number comes before ?

2 3	___ 2	___ 1
___ 5	___ 6	___ 7
___ 8	___ 9	___ 4

What number comes after ?

5 6	1 ___	0 ___
8 ___	4 ___	3 ___
2 ___	7 ___	6 ___

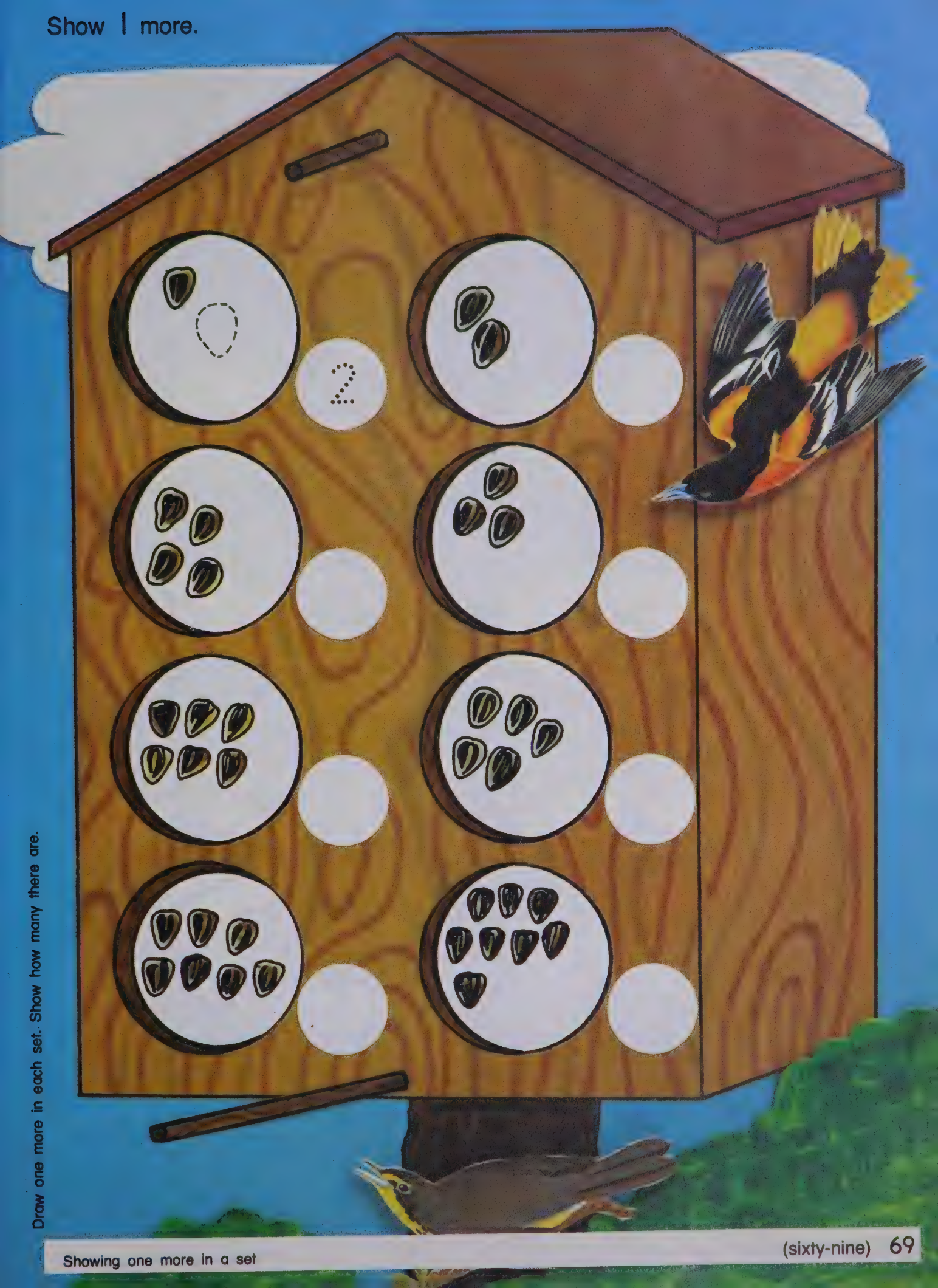
What number comes between ?

2 3 4	6 ___ 8	3 ___ 5
5 ___ 7	4 ___ 6	7 ___ 9
0 ___ 2	1 ___ 3	5 ___ 7

What number comes before and what number comes after ?

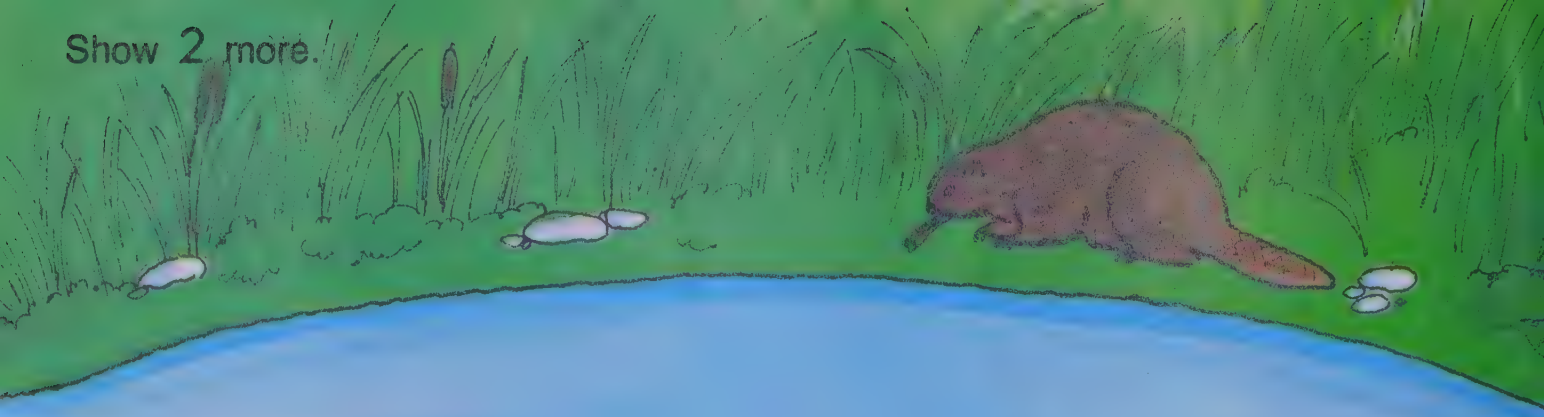
2 3 4	___ 2 ___
___ 8 ___	___ 6 ___
___ 1 ___	___ 4 ___
___ 5 ___	___ 7 ___

Show 1 more.



Draw one more in each set. Show how many there are.

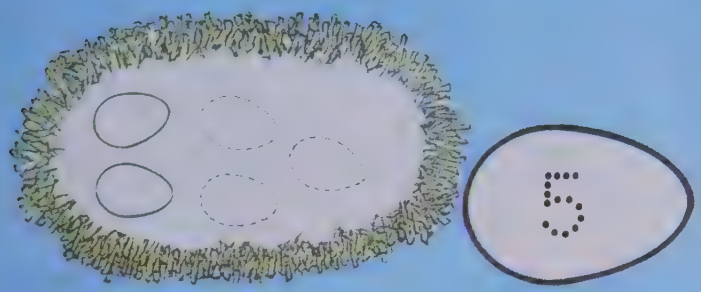
Show 2 more.

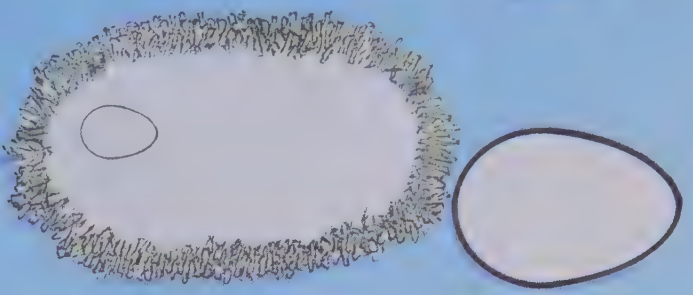


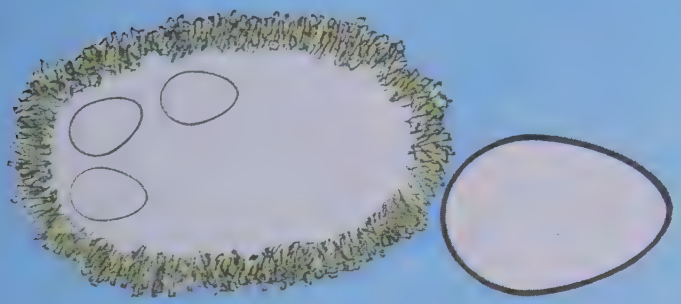
3

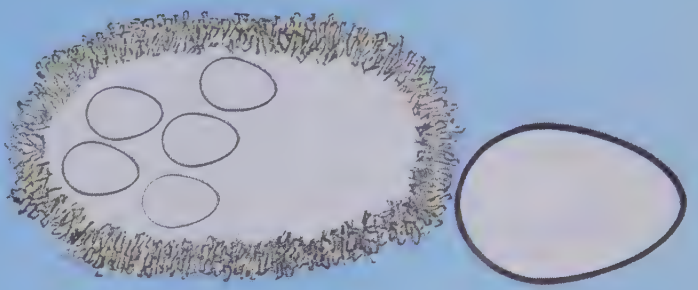
Draw two more in each set. Show how many there are.

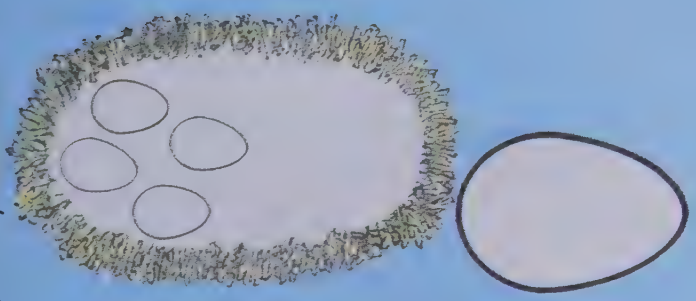
Show 3 more.

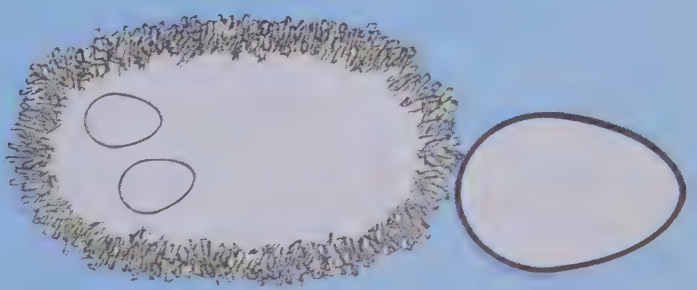


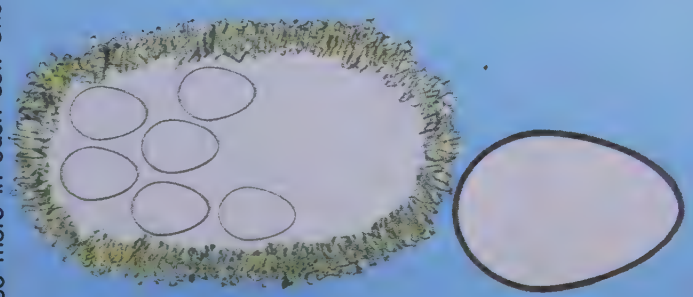


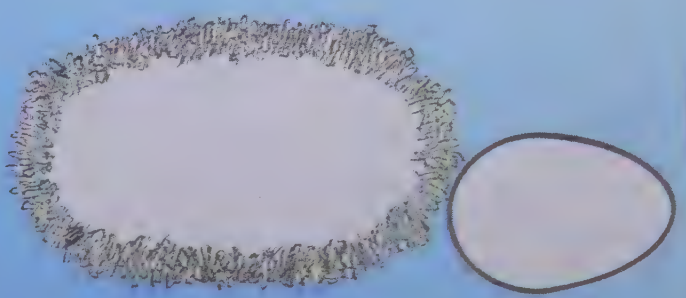












Draw three more in each set. Show how many there are.

Tell what is happening in each picture.

Complete.

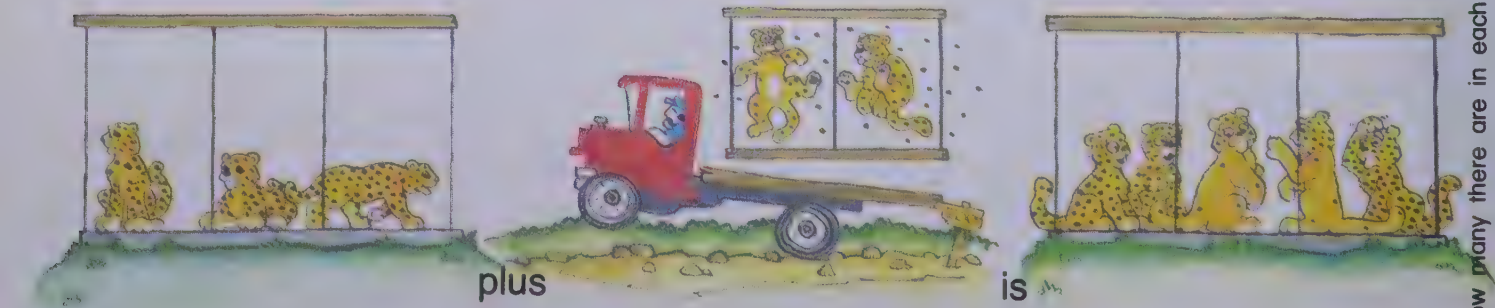
Show how many there are in each set.

Complete.

2 plus 3 is 5

___ plus ___ is ___

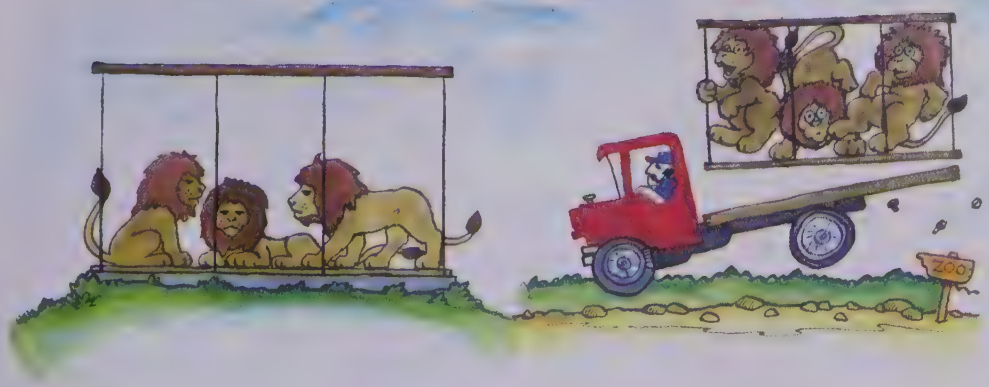
___ plus ___ is ___



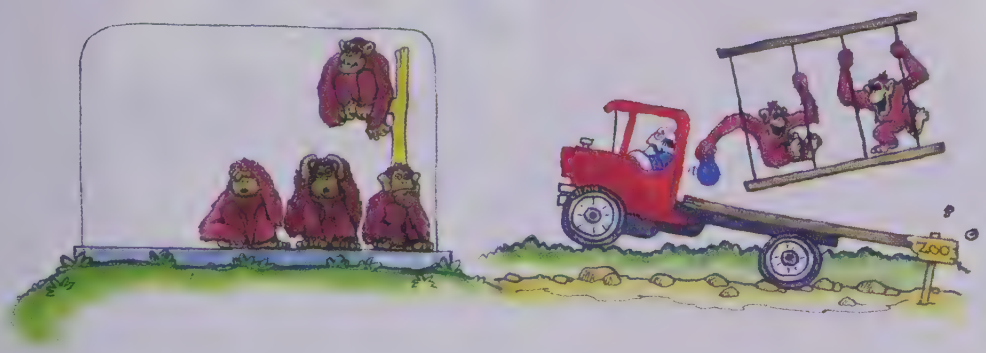
___ plus ___ is ___

Show how many there are in each set.

Complete.



plus ___ + ___ equals ___ = ___



plus ___ + ___ equals ___ = ___

plus ___ ___ equals ___ ___

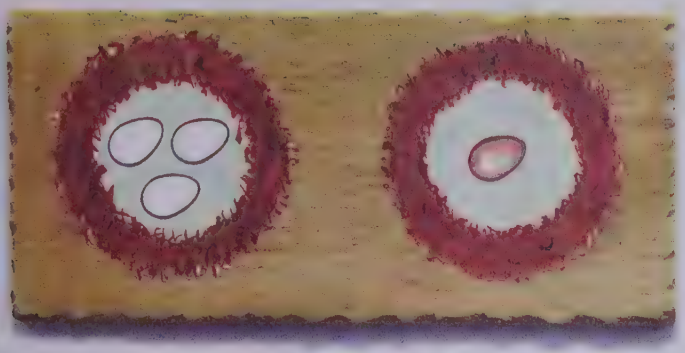
Show how many there are in each set.

plus ___ ___ equals ___ ___

Complete.

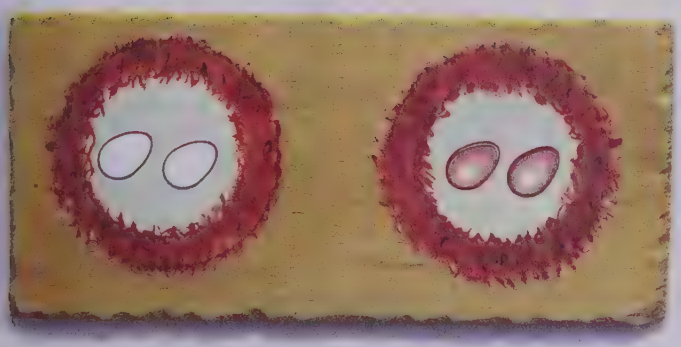
3 + 2 = 5

Complete the number sentences.

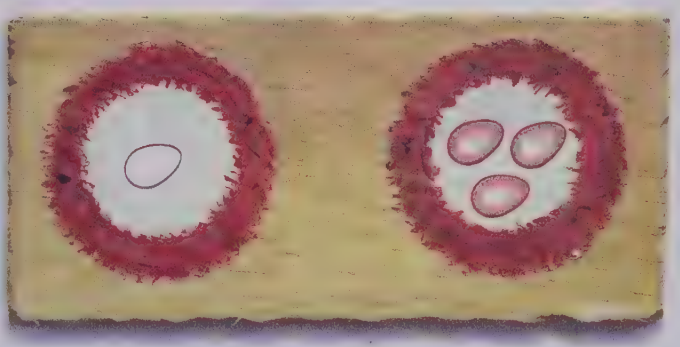


$3 + 1 = \_\_\_\_$

$4 + 0 = \_\_\_\_$



$2 + \_\_\_\_ = \_\_\_\_$



$\_\_\_\_ + \_\_\_\_ = \_\_\_\_$

$1 + 1 = \_\_\_\_$ $0 + 1 = \_\_\_\_$

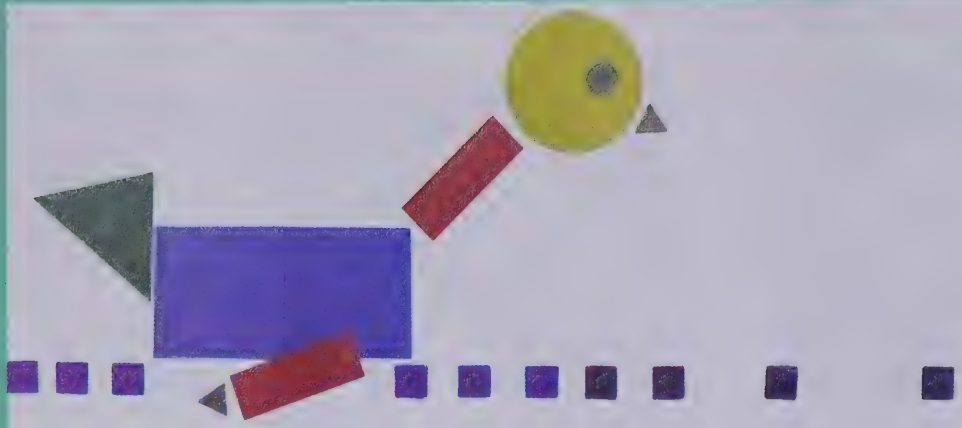
$0 + 3 = \_\_\_\_$ $1 + 2 = \_\_\_\_$

$2 + 1 = \_\_\_\_$ $1 + 0 = \_\_\_\_$

$2 + 0 = \_\_\_\_$ $2 + 2 = \_\_\_\_$

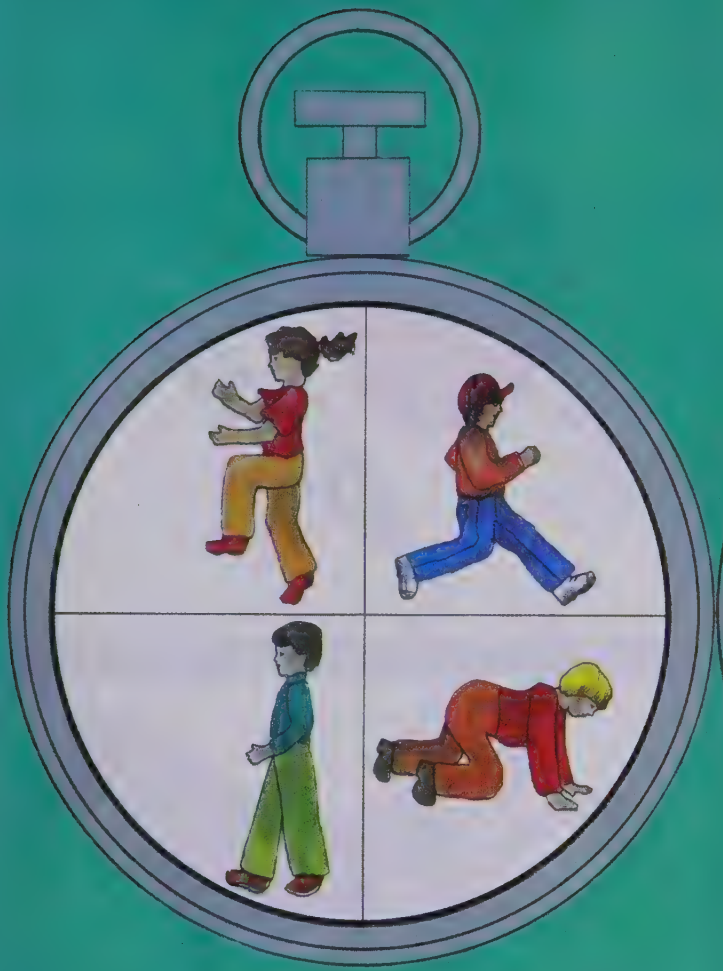
$3 + 0 = \_\_\_\_$ $0 + 4 = \_\_\_\_$

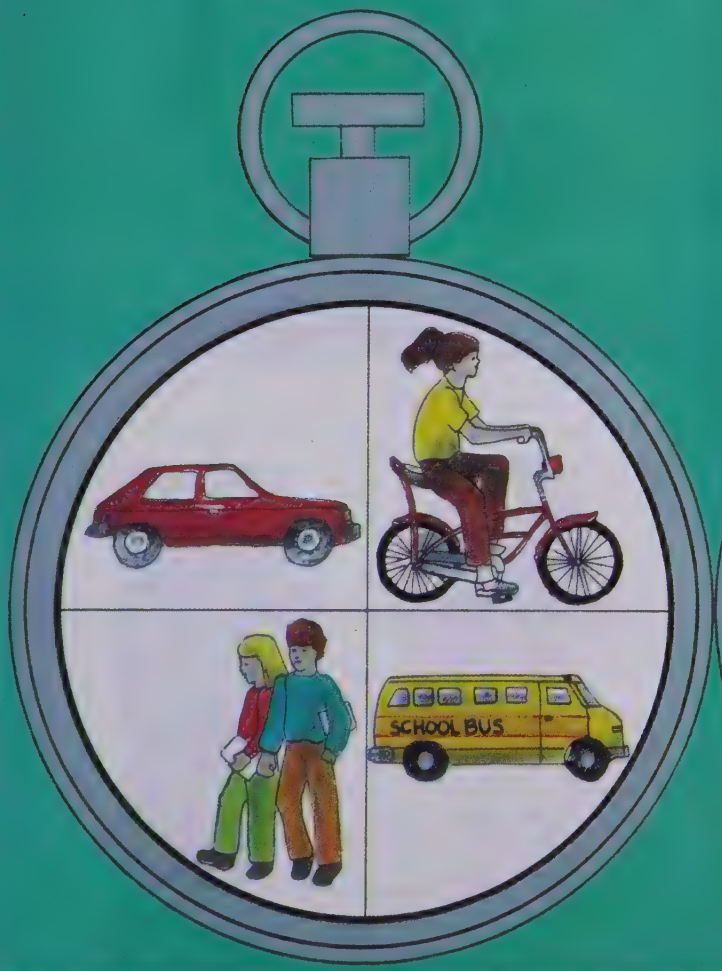
$1 + 3 = \_\_\_\_$ $0 + 2 = \_\_\_\_$



Use shapes to make a picture.

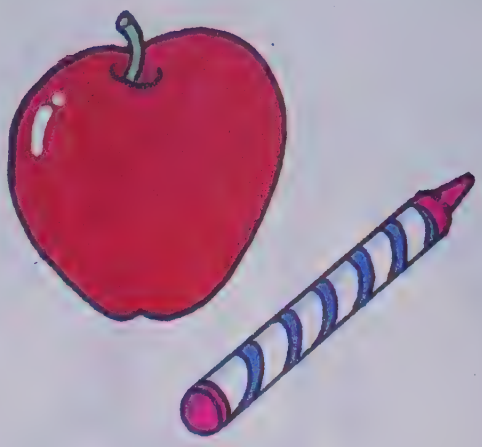
Ring and mark.





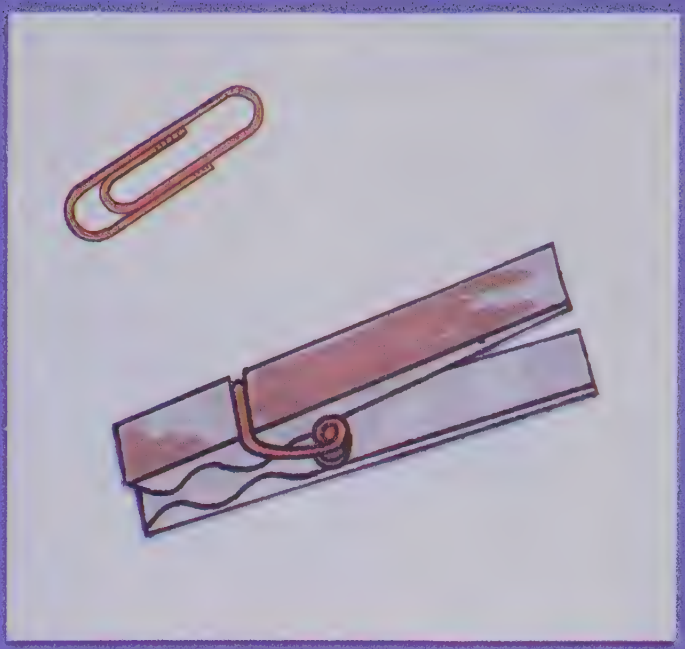
Ring the one that moves fastest. Use a ✓ to show the one that moves slowest.

Ring.



Ring the object in each pair that is heavier than the other.

Mark.



Use a ✓ to show which object in each pair is lighter than the other.

Draw.

$1 + 2 = 3$

$2 + 2 = 4$

$1 + 3 = \_\_\_\_$

$3 + 2 = \_\_\_\_$

$4 + 4 = \_\_\_\_$

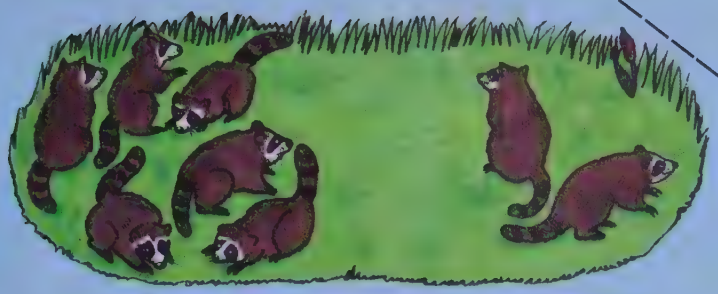
$6 + 3 = \_\_\_\_$

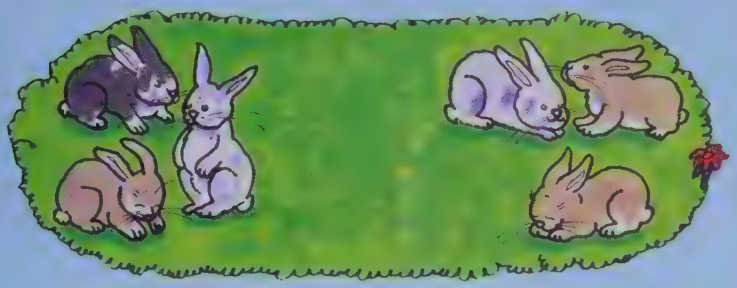
Draw the shapes needed to illustrate each number sentence.

Match.

2 + 2

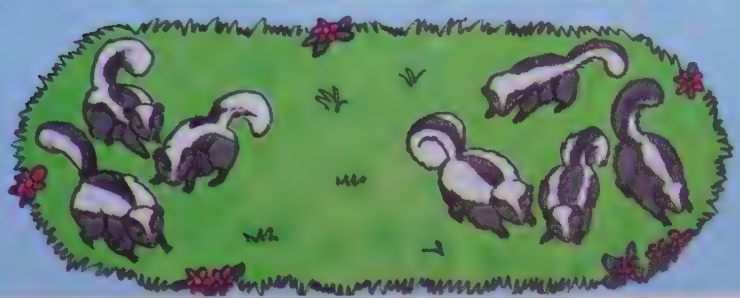
1 + 1





1 + 0

2 + 1



1

2

3

4

5

6

7

8

9

Draw lines to match.

Complete.

4 + 2 = ____

3 + 5 = ____

0 + ____ = ____

5 + ____ = ____

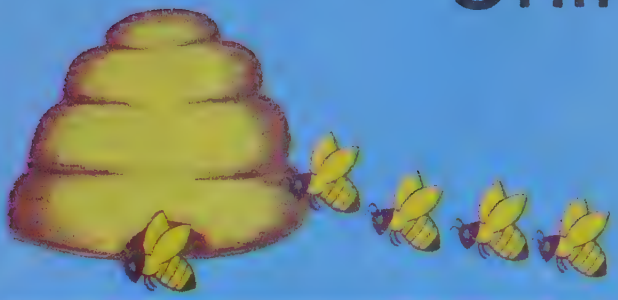
____ + ____ = ____

____ + ____ = ____

1 + 1 = ____	2 + 2 = ____
2 + 1 = ____	2 + 0 = ____
0 + 4 = ____	3 + 1 = ____
1 + 2 = ____	1 + 3 = ____

Complete the number sentences.

2 + 3 = ☐



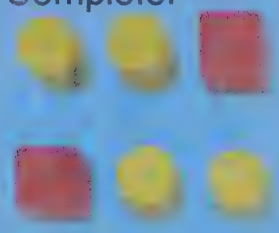
1 + ___ = ___

0 + ___ = ___

___ + ___ = ___

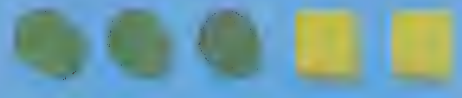
1 + 3 = ___	4 + 0 = ___	5 + 0 = ___
2 + 1 = ___	1 + 1 = ___	4 + 1 = ___
3 + 1 = ___	1 + 0 = ___	0 + 1 = ___
4 + 1 = ___	2 + 0 = ___	3 + 2 = ___
3 + 2 = ___	2 + 2 = ___	0 + 3 = ___
2 + 3 = ___	1 + 4 = ___	2 + 2 = ___
3 + 0 = ___	1 + 2 = ___	2 + 3 = ___
0 + 5 = ___	0 + 4 = ___	0 + 2 = ___

Complete.



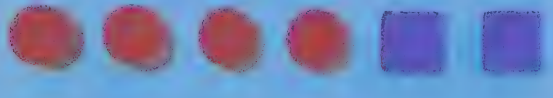
$2 + 1 = 3$

$1 + 2 = 3$

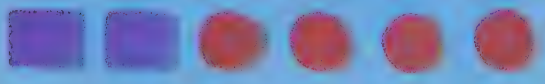


$3 + 2 =$

$2 + 3 =$



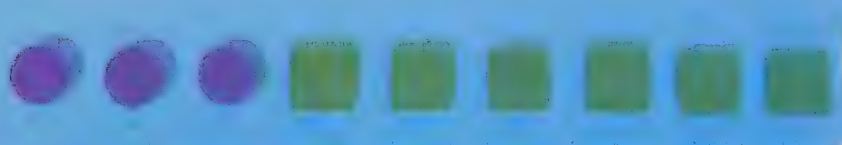
$+ \square = 6$



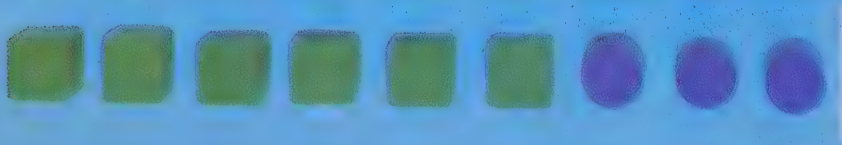
$+ \bigcirc = 6$

$2 + 7 =$

$7 + 2 =$



$+ \square =$



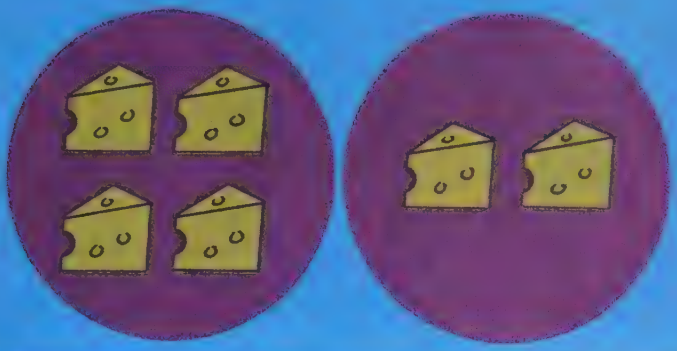
$+ \bigcirc =$

$5 + 4 =$

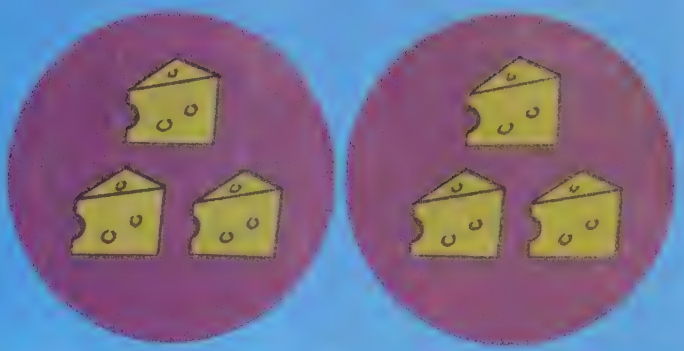
$4 + 5 =$

Complete each addition sentence.

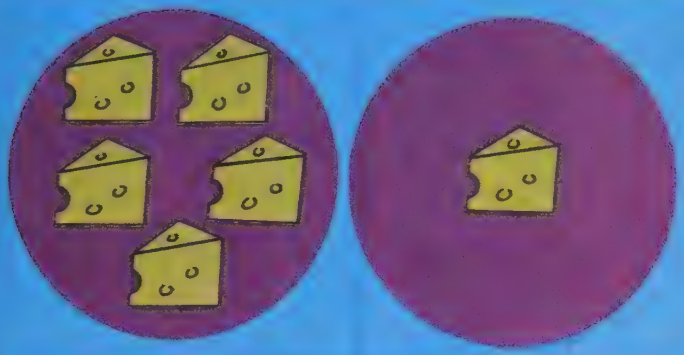
Complete the number sentences.



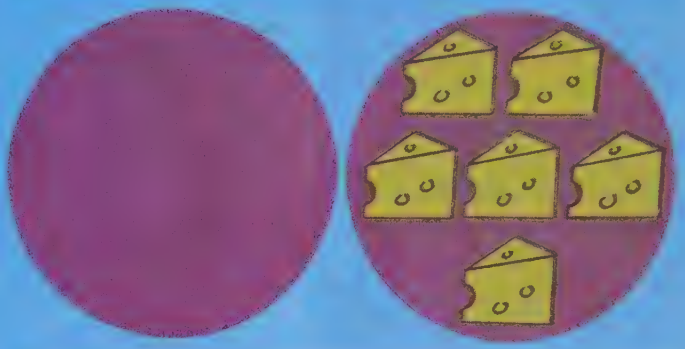
$4 + 2 = \_\_\_$



$3 + \_\_\_ = \_\_\_$



$\_\_\_ + \_\_\_ = \_\_\_$



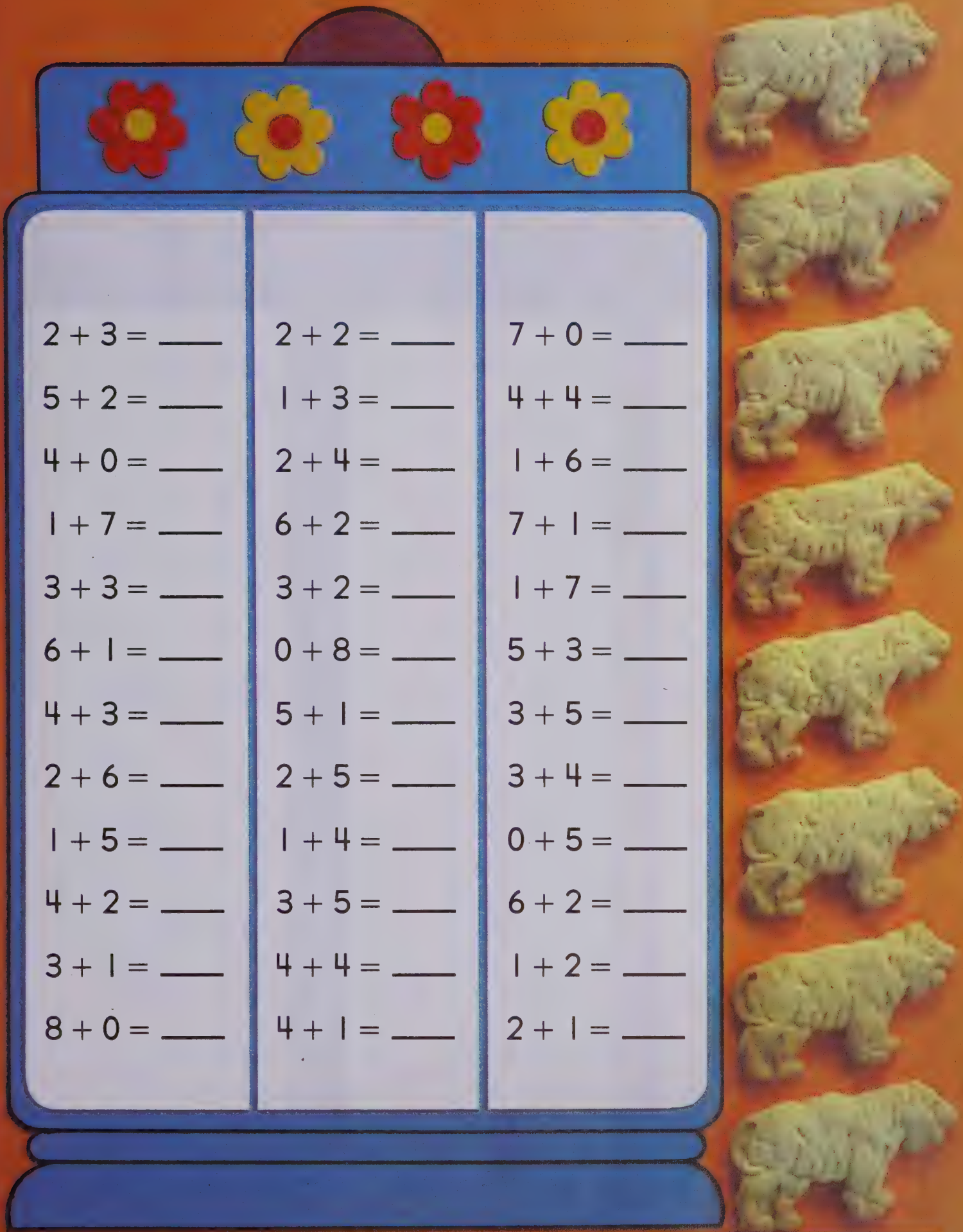
$\_\_\_ + \_\_\_ = \_\_\_$

$2 + 1 = \_\_\_$	$1 + 3 = \_\_\_$	$2 + 4 = \_\_\_$
$2 + 3 = \_\_\_$	$5 + 0 = \_\_\_$	$1 + 1 = \_\_\_$
$1 + 5 = \_\_\_$	$1 + 2 = \_\_\_$	$3 + 2 = \_\_\_$
$2 + 2 = \_\_\_$	$1 + 4 = \_\_\_$	$0 + 6 = \_\_\_$
$3 + 1 = \_\_\_$	$3 + 3 = \_\_\_$	$5 + 1 = \_\_\_$
$2 + 4 = \_\_\_$	$0 + 6 = \_\_\_$	$1 + 5 = \_\_\_$
$4 + 2 = \_\_\_$	$6 + 0 = \_\_\_$	$4 + 0 = \_\_\_$
$5 + 1 = \_\_\_$	$4 + 1 = \_\_\_$	$0 + 3 = \_\_\_$

Complete the number sentences.

$2 + 1 =$ ____	$1 + 4 =$ ____	$2 + 0 =$ ____
$1 + 3 =$ ____	$4 + 1 =$ ____	$3 + 4 =$ ____
$5 + 1 =$ ____	$6 + 0 =$ ____	$3 + 3 =$ ____
$1 + 5 =$ ____	$4 + 3 =$ ____	$1 + 4 =$ ____
$3 + 2 =$ ____	$3 + 4 =$ ____	$3 + 0 =$ ____
$1 + 6 =$ ____	$1 + 2 =$ ____	$2 + 3 =$ ____
$2 + 4 =$ ____	$6 + 1 =$ ____	$1 + 6 =$ ____
$7 + 0 =$ ____	$3 + 1 =$ ____	$1 + 0 =$ ____
$3 + 3 =$ ____	$0 + 2 =$ ____	$0 + 4 =$ ____
$0 + 5 =$ ____	$2 + 3 =$ ____	$2 + 5 =$ ____
$5 + 2 =$ ____	$1 + 1 =$ ____	$2 + 4 =$ ____
$2 + 5 =$ ____	$4 + 2 =$ ____	$4 + 3 =$ ____

Complete the number sentences.

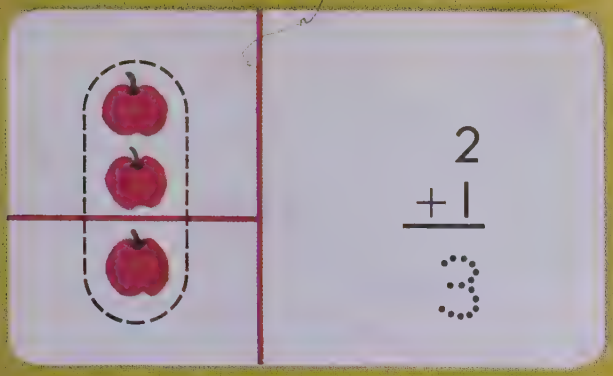


2 + 3 = ____	2 + 2 = ____	7 + 0 = ____
5 + 2 = ____	1 + 3 = ____	4 + 4 = ____
4 + 0 = ____	2 + 4 = ____	1 + 6 = ____
1 + 7 = ____	6 + 2 = ____	7 + 1 = ____
3 + 3 = ____	3 + 2 = ____	1 + 7 = ____
6 + 1 = ____	0 + 8 = ____	5 + 3 = ____
4 + 3 = ____	5 + 1 = ____	3 + 5 = ____
2 + 6 = ____	2 + 5 = ____	3 + 4 = ____
1 + 5 = ____	1 + 4 = ____	0 + 5 = ____
4 + 2 = ____	3 + 5 = ____	6 + 2 = ____
3 + 1 = ____	4 + 4 = ____	1 + 2 = ____
8 + 0 = ____	4 + 1 = ____	2 + 1 = ____

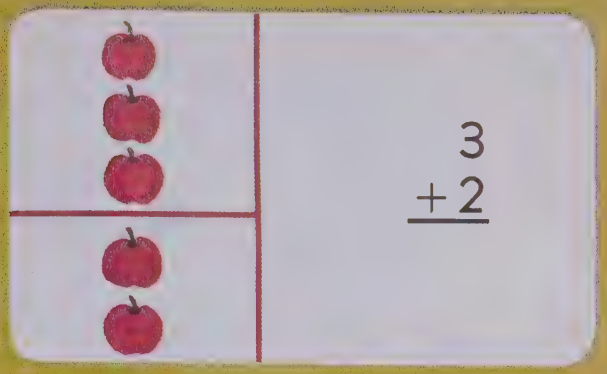
Complete the number sentences.

3 + 2 = ___	3 + 6 = ___	2 + 7 = ___
5 + 2 = ___	4 + 5 = ___	7 + 2 = ___
7 + 1 = ___	1 + 8 = ___	4 + 1 = ___
2 + 4 = ___	4 + 2 = ___	9 + 0 = ___
1 + 5 = ___	6 + 3 = ___	2 + 3 = ___
3 + 3 = ___	3 + 6 = ___	6 + 1 = ___
8 + 1 = ___	1 + 4 = ___	1 + 8 = ___
5 + 4 = ___	0 + 5 = ___	5 + 1 = ___
1 + 7 = ___	4 + 4 = ___	2 + 2 = ___
6 + 2 = ___	5 + 3 = ___	8 + 0 = ___
2 + 5 = ___	2 + 6 = ___	4 + 5 = ___
3 + 4 = ___	3 + 5 = ___	5 + 4 = ___
7 + 2 = ___	1 + 6 = ___	3 + 1 = ___
1 + 3 = ___	4 + 3 = ___	6 + 3 = ___

Add.



$$\begin{array}{r} 2 \\ +1 \\ \hline \end{array}$$



$$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$$

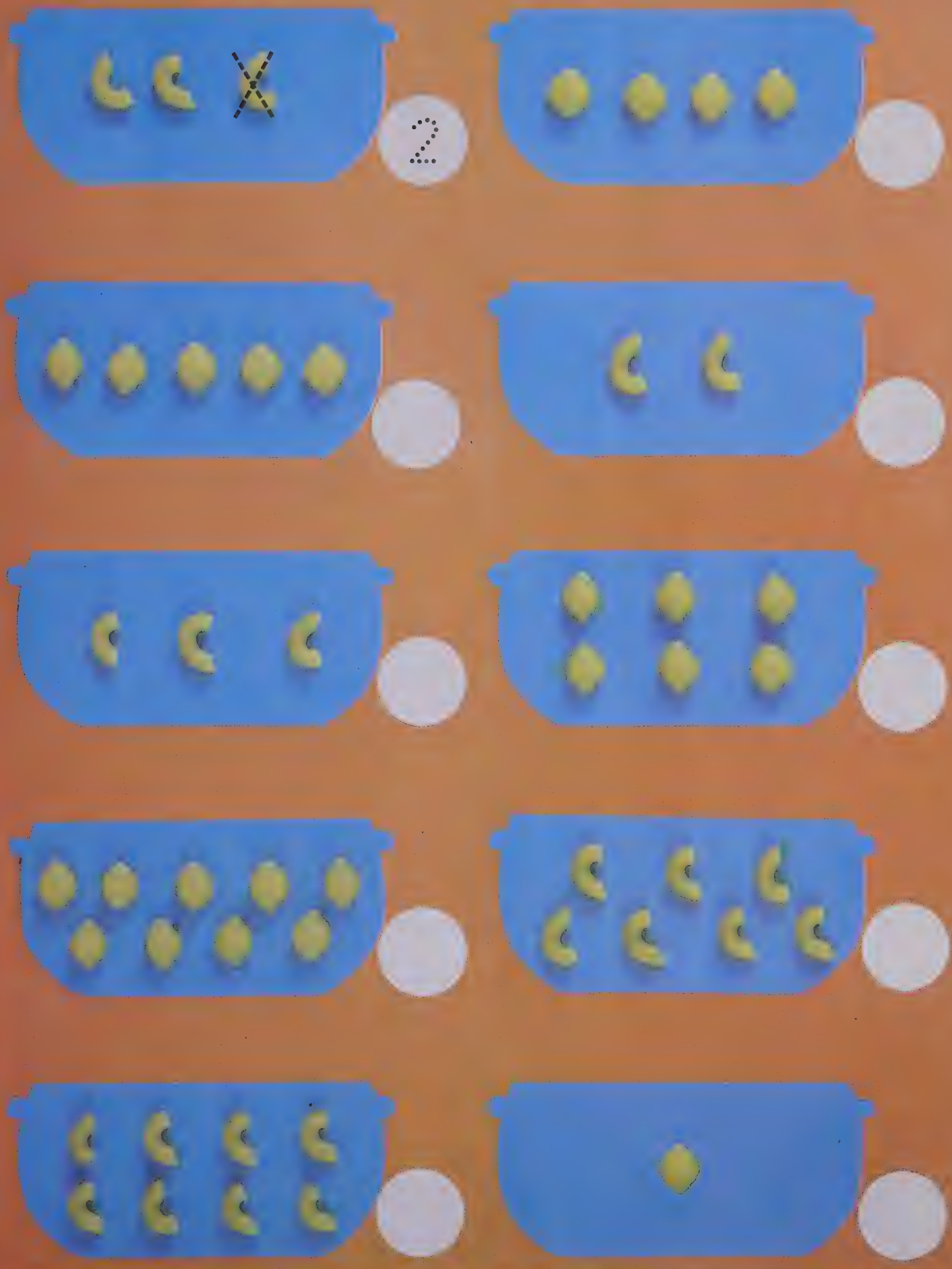
$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +1 \\ \hline \end{array}$
$\begin{array}{r} 6 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$
$\begin{array}{r} 2 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ +9 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +6 \\ \hline \end{array}$
$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +1 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ +0 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$

How many ?

apples										
bananas										
oranges										
pears										
limes										

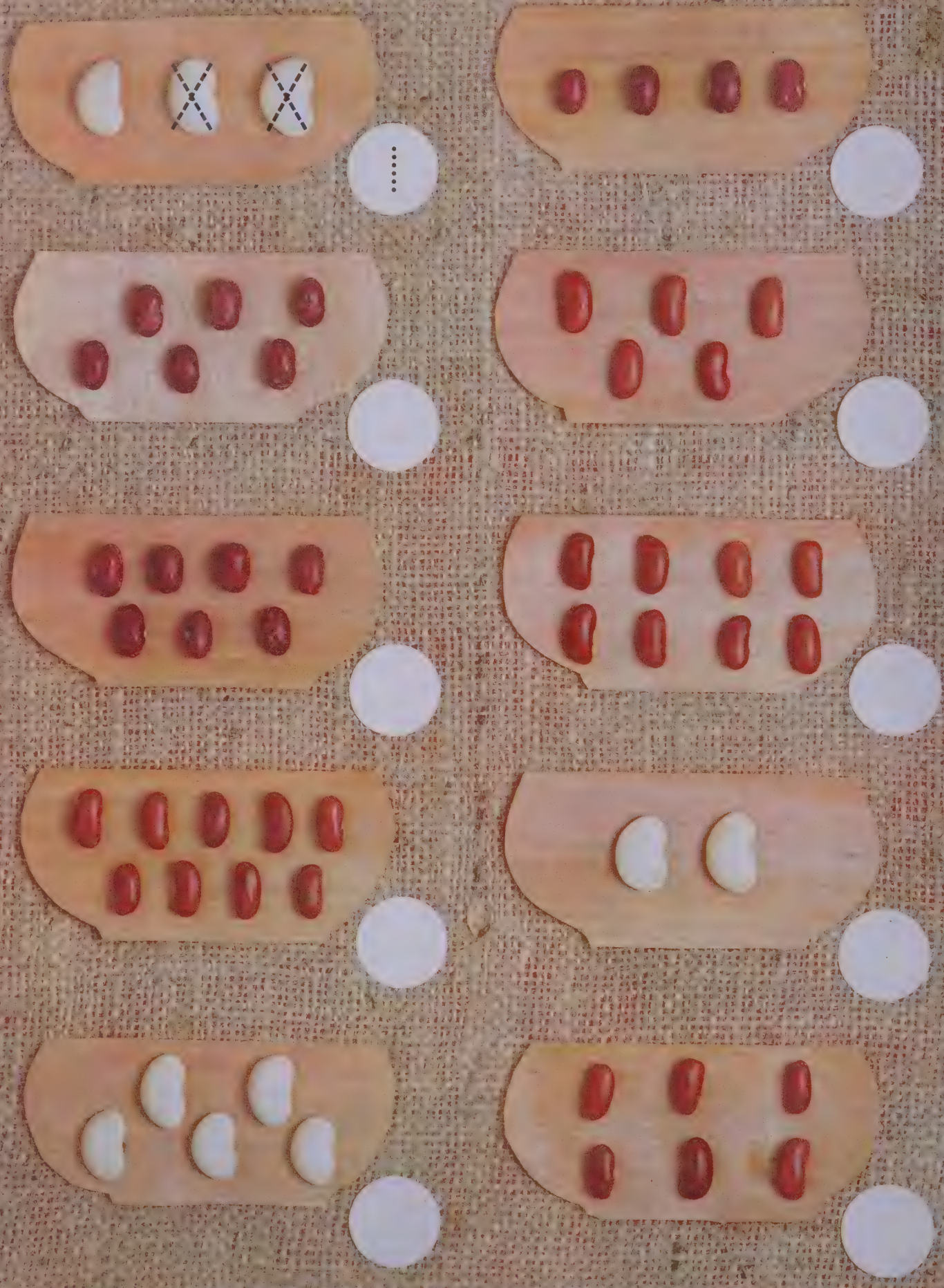
Color inside a rectangle for each fruit.

Show 1 fewer.



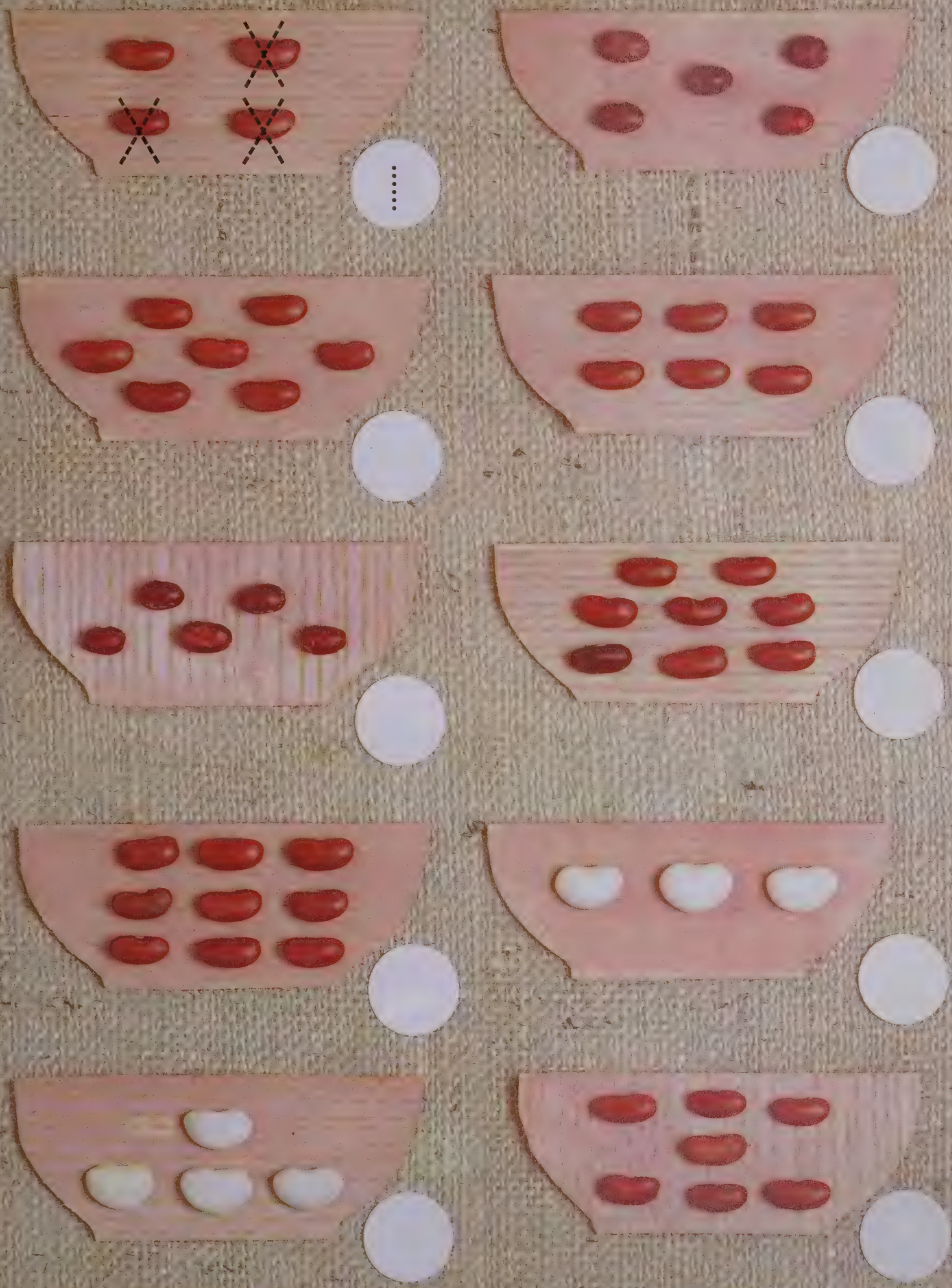
Show one fewer in each set. Show how many there are.

Show 2 fewer.



Show two fewer in each set. Show how many there are.

Show 3 fewer.



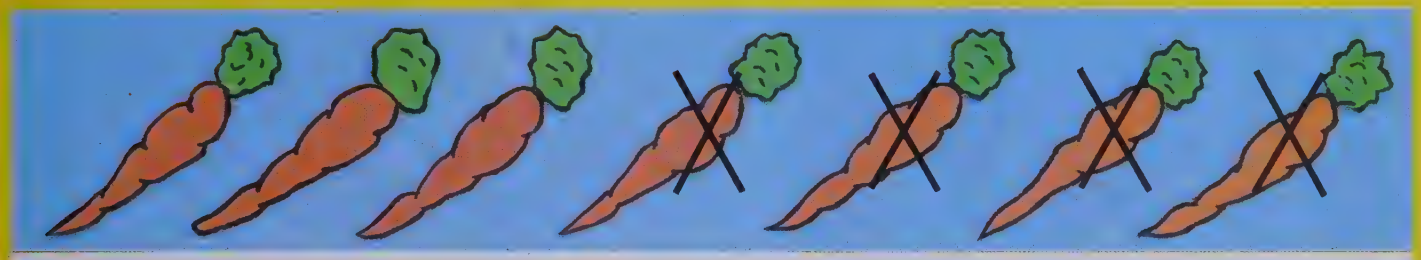
Show three fewer in each set. Show how many there are.

Tell what is happening in each situation.

Complete.

5 minus 2

____ minus ____

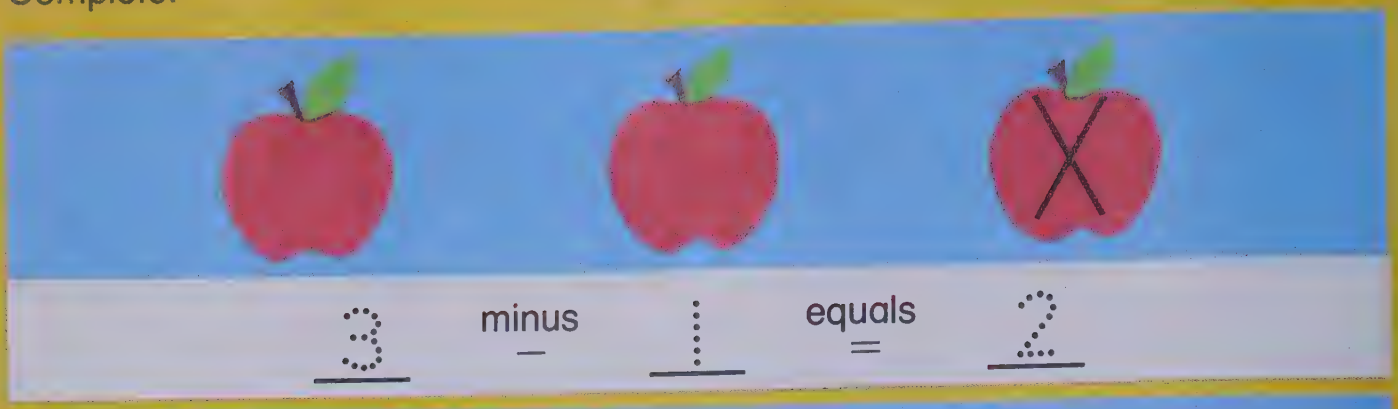


____ minus ____

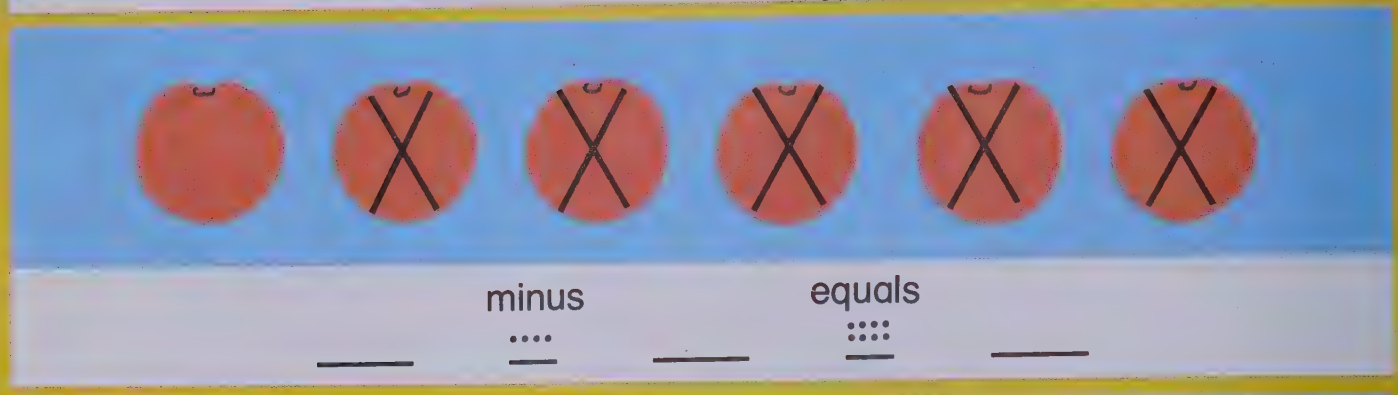
____ minus ____

____ minus ____

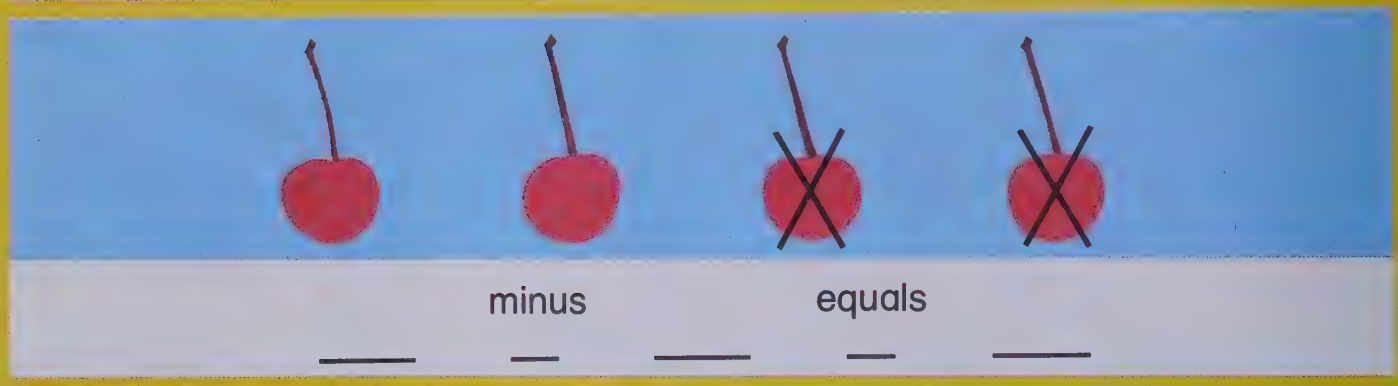
Complete.



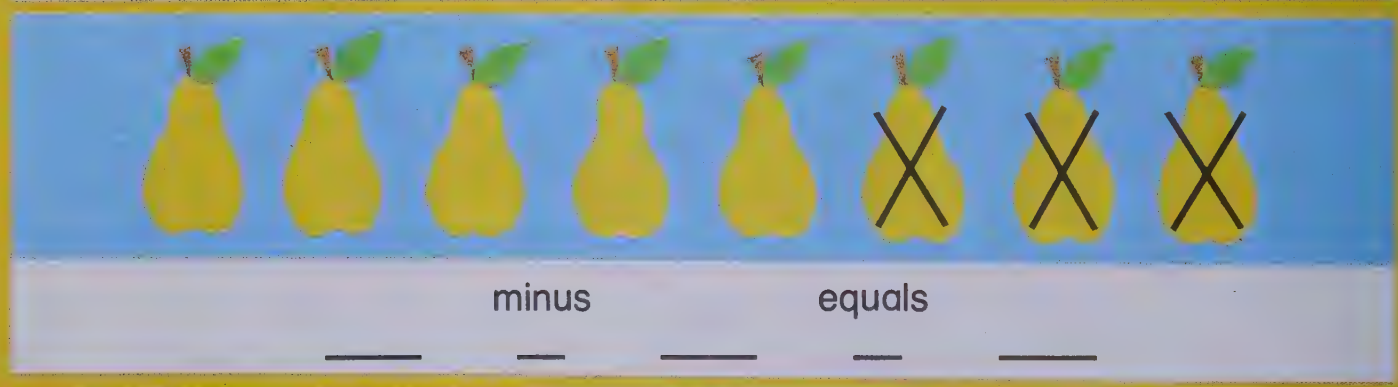
3 minus 1 equals 2



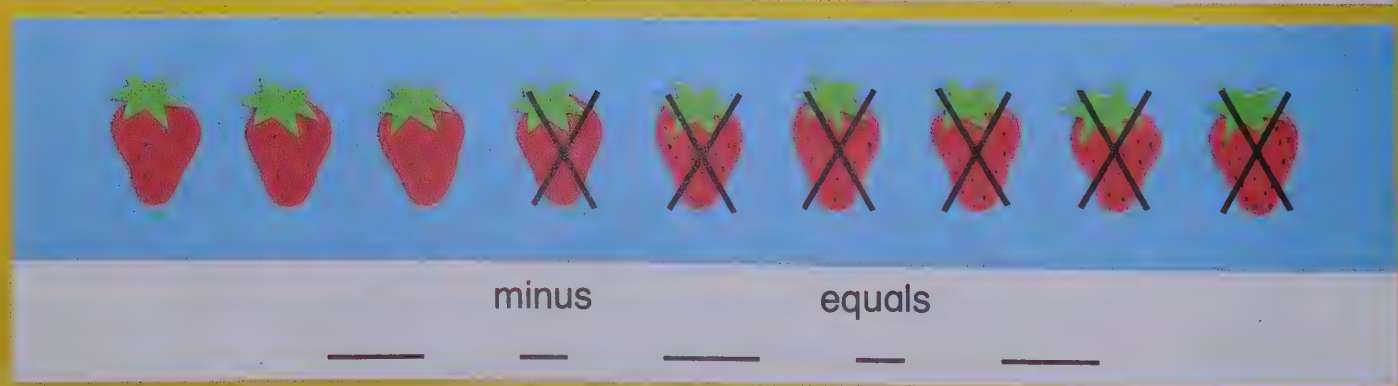
minus equals



minus equals

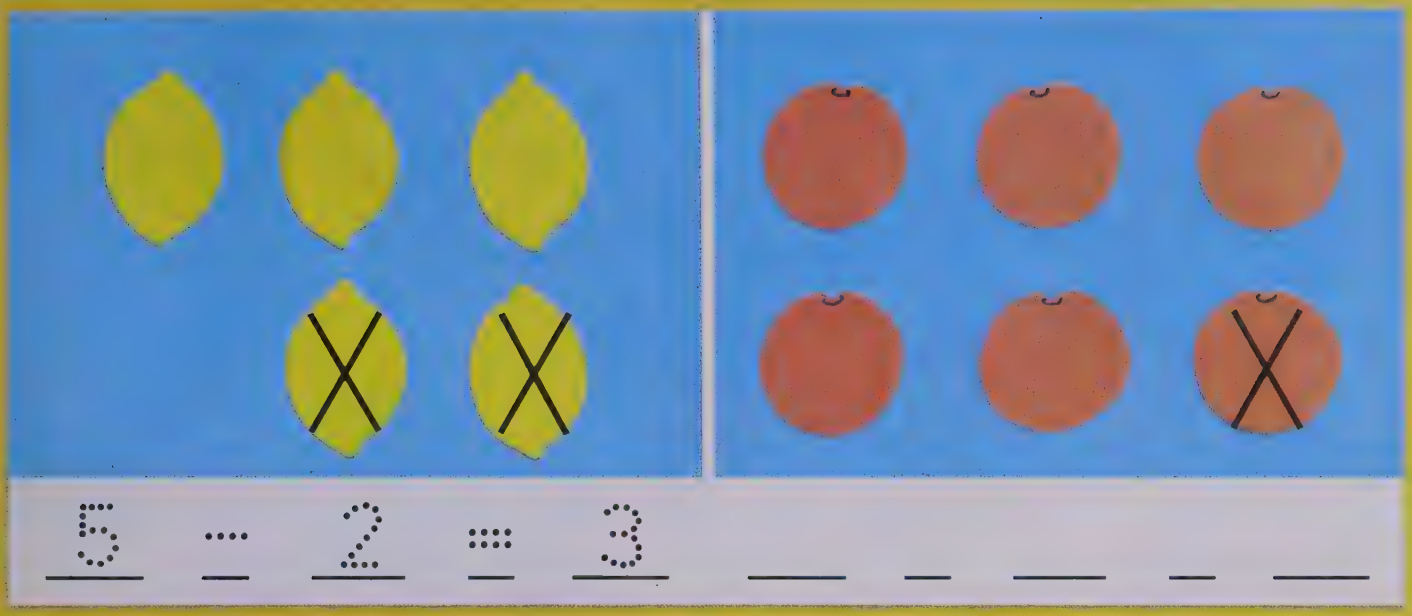


minus equals

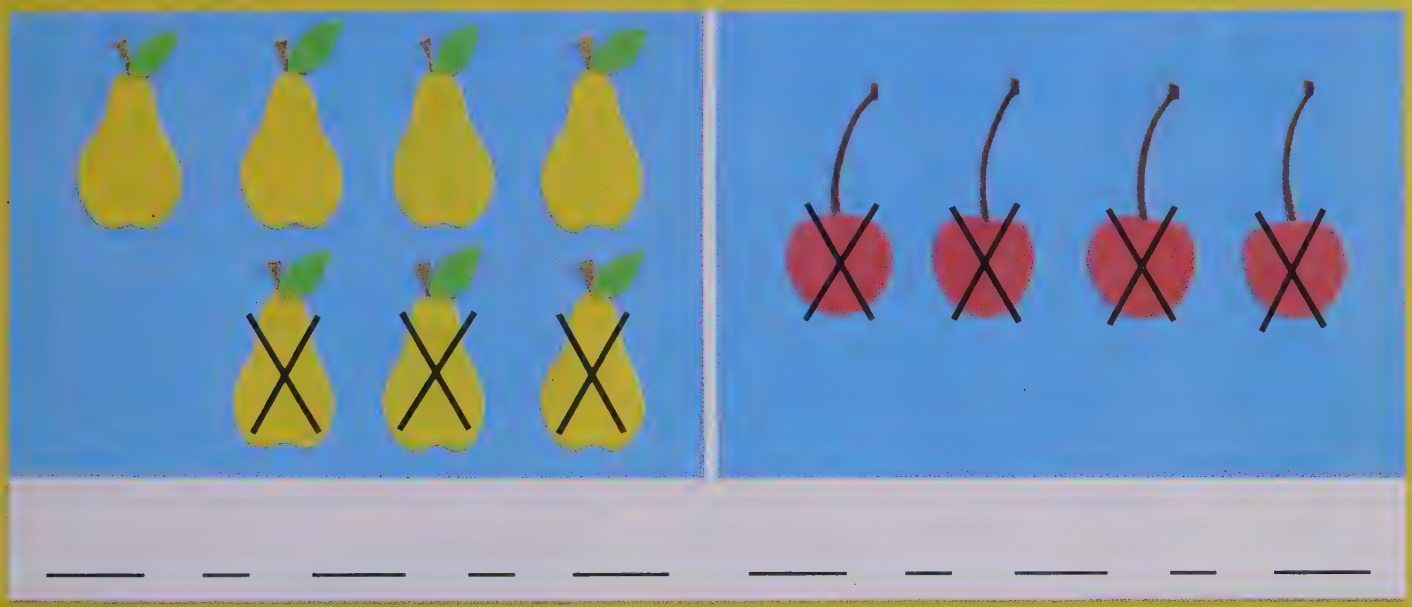


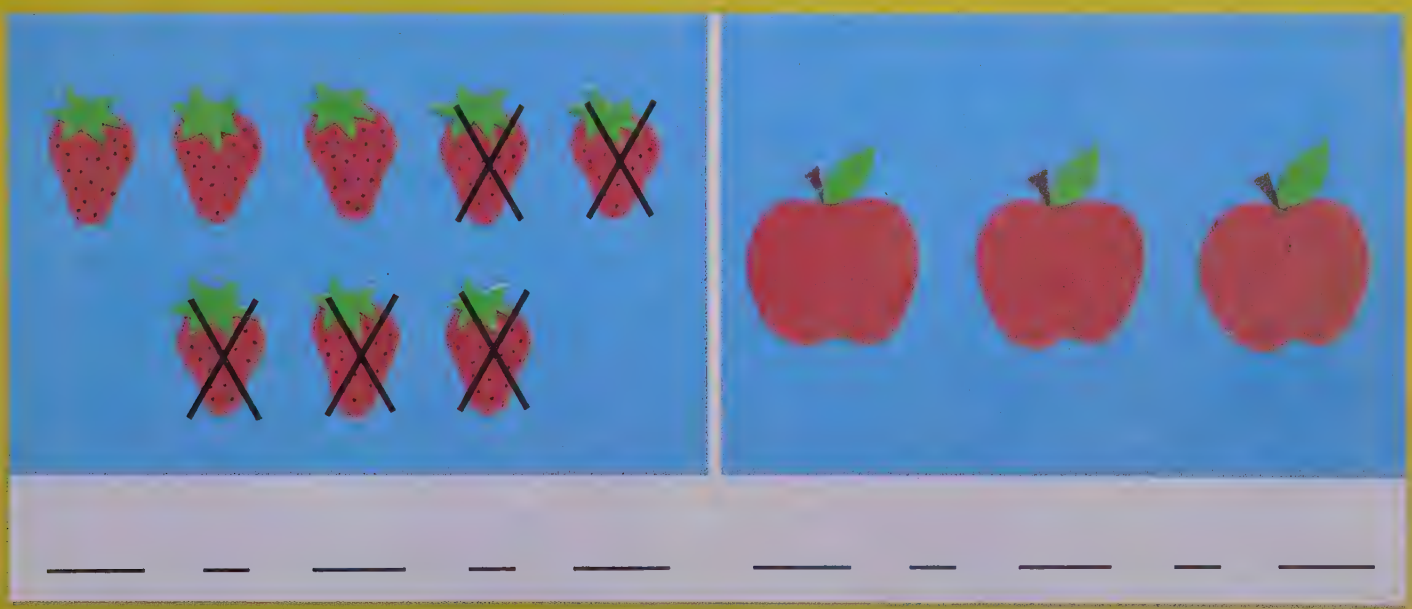
minus equals

Complete.



5 — 2 = 3





Complete the number sentences.

$4 - 3 = \_\_\_$

$4 - 0 = \_\_\_$

$4 - \_\_\_ = \_\_\_$

$\_\_\_ - \_\_\_ = \_\_\_$

$2 - 1 = \_\_\_$

$4 - 1 = \_\_\_$

$3 - 0 = \_\_\_$

$1 - 0 = \_\_\_$

$3 - 3 = \_\_\_$

$4 - 4 = \_\_\_$

$3 - 2 = \_\_\_$

$2 - 0 = \_\_\_$

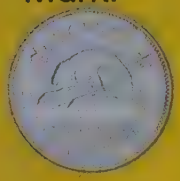
$3 - 1 = \_\_\_$

$4 - 2 = \_\_\_$

$1 - 1 = \_\_\_$

$4 - 0 = \_\_\_$

Mark.



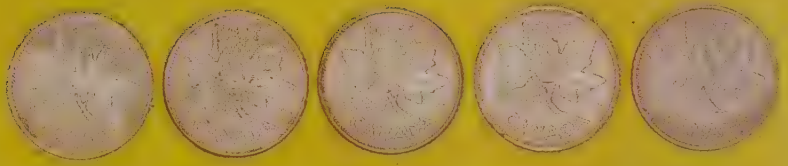
nickel

5 cents 5¢

5¢

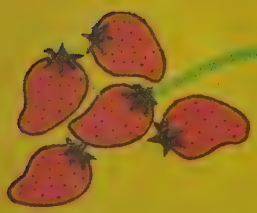
5¢

3¢



4¢

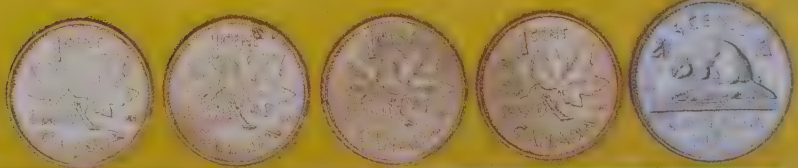
5¢



6¢

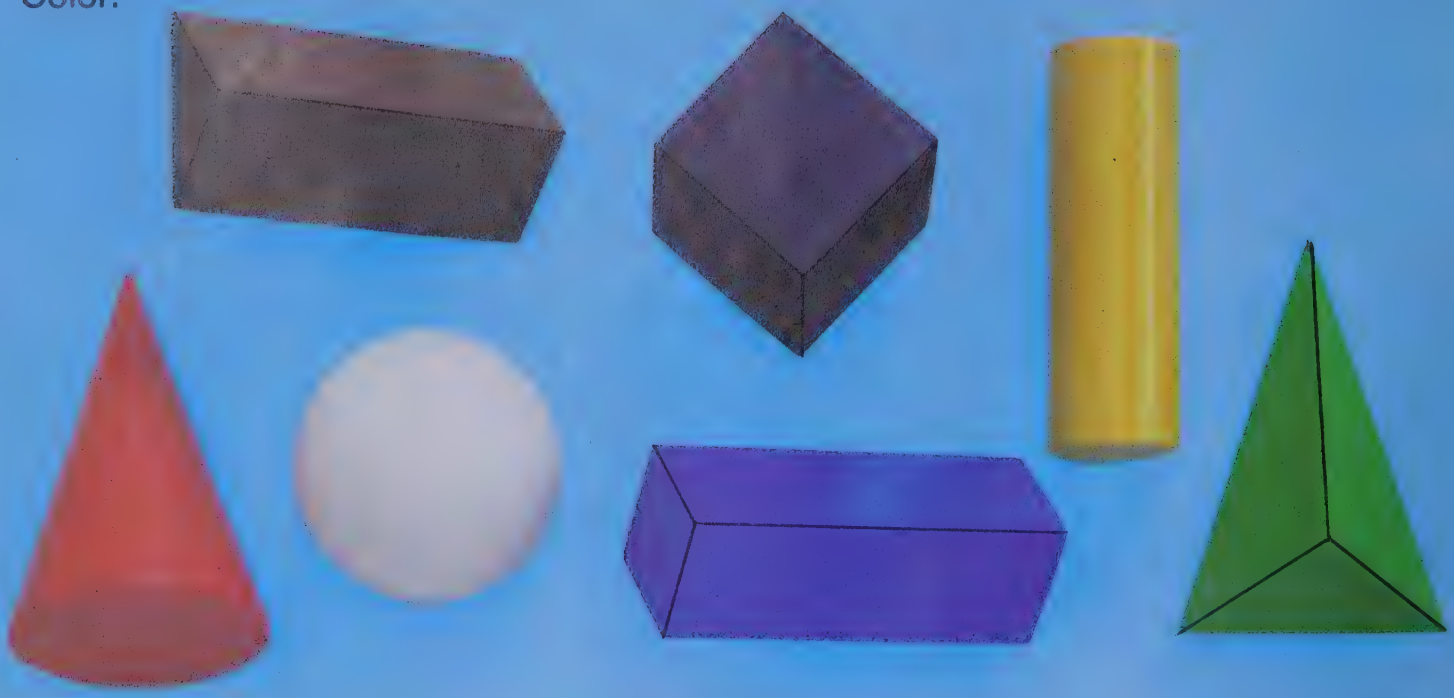
8¢

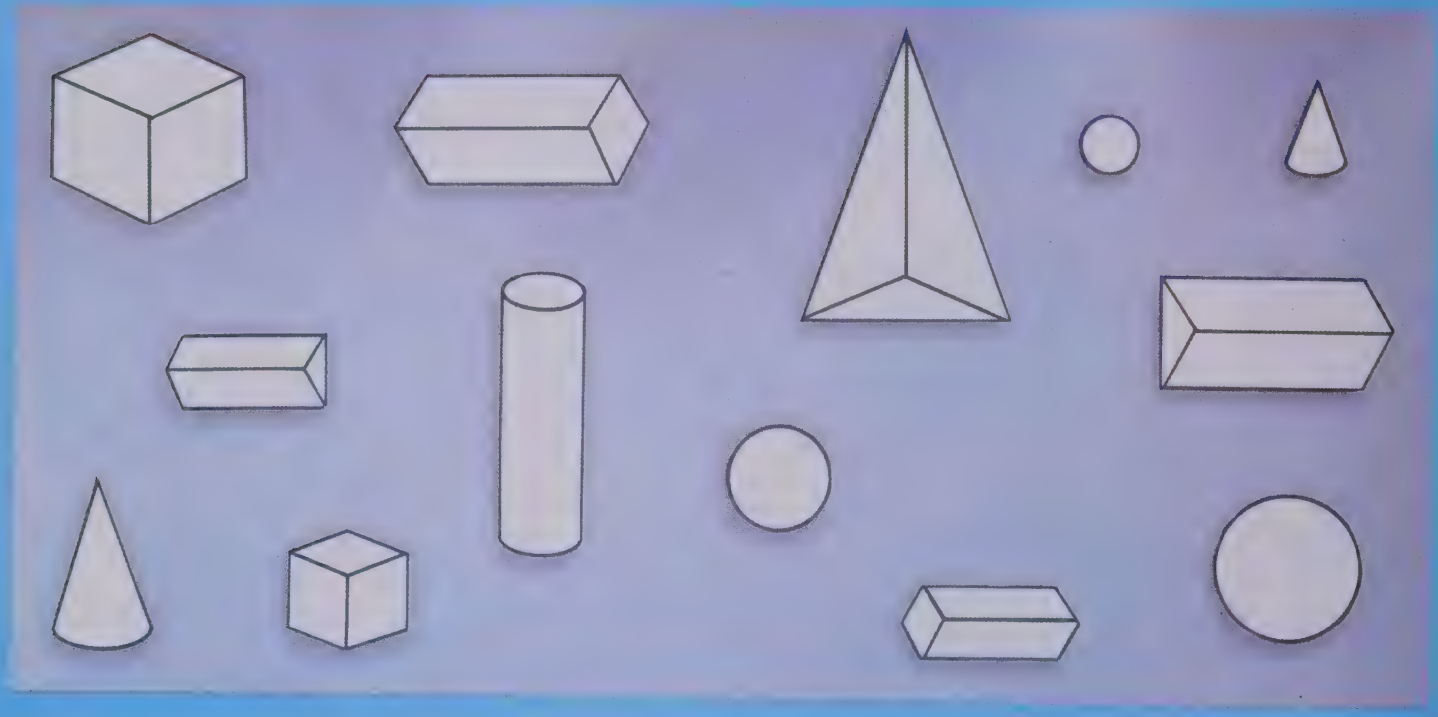
9¢



Use a ✓ to show each coin needed.

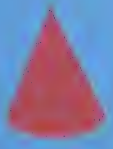
Color.

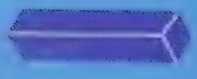




How many did you color ?

 's ____

 's ____

 's ____

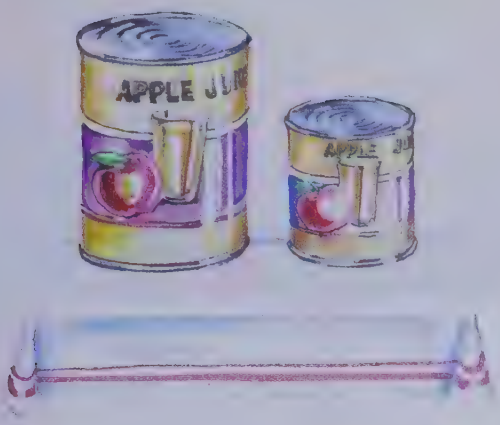
 's ____

 's ____

 's ____

 's ____

Ring the one that holds more.



Draw.

$3 - 2 = 1$

$4 - 1 = 3$

$2 - 1 =$ ____

$3 - 3 =$ ____

$7 - 5 =$ ____

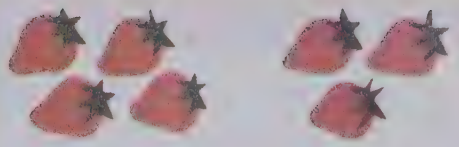
$9 - 3 =$ ____

$8 - 4 =$ ____

Draw the shapes needed to illustrate each number sentence.

Complete.

3 + 2 = ____



4 + 3 = ____

1 + 2 = ____

4 + 1 = ____

2 + 3 = ____

6 + 2 = ____

1 + 5 = ____

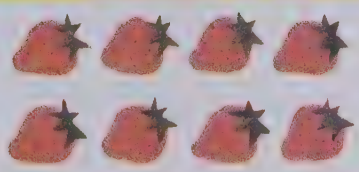
5 + 3 = ____

2 + 5 = ____

3 + 6 = ____

2 + 2 = ____

$$\begin{array}{r} 2 \\ +\,4 \\ \hline \end{array}$$



$$\begin{array}{r} 4 \\ +\,4 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +\,3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +\,1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +\,3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +\,4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +\,0 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +\,4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +\,3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +\,1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +\,2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +\,5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +\,5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +\,7 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +\,1 \\ \hline \end{array} \quad \begin{array}{r} 0 \\ +\,7 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +\,2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +\,6 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +\,1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +\,2 \\ \hline \end{array}$$

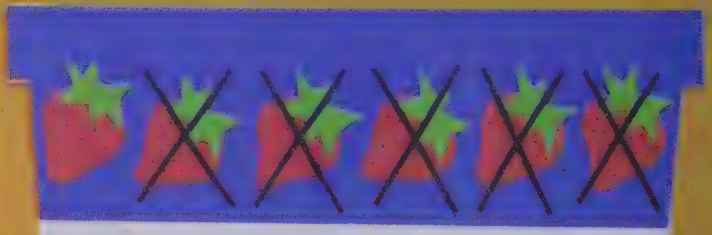
Complete.

$2 + 3 =$ ____	$1 + 0 =$ ____	$2 + 2 =$ ____
$4 + 2 =$ ____	$3 + 2 =$ ____	$4 + 3 =$ ____
$6 + 3 =$ ____	$5 + 4 =$ ____	$5 + 3 =$ ____
$3 + 4 =$ ____	$0 + 7 =$ ____	$4 + 4 =$ ____

$\begin{array}{r} 1 \\ +\,4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +\,2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +\,1 \\ \hline \end{array}$	$\begin{array}{r} 0 \\ +\,6 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +\,4 \\ \hline \end{array}$
$\begin{array}{r} 1 \\ +\,3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +\,5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +\,2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +\,1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +\,5 \\ \hline \end{array}$
$\begin{array}{r} 4 \\ +\,0 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +\,5 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +\,2 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +\,6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +\,3 \\ \hline \end{array}$

Complete.

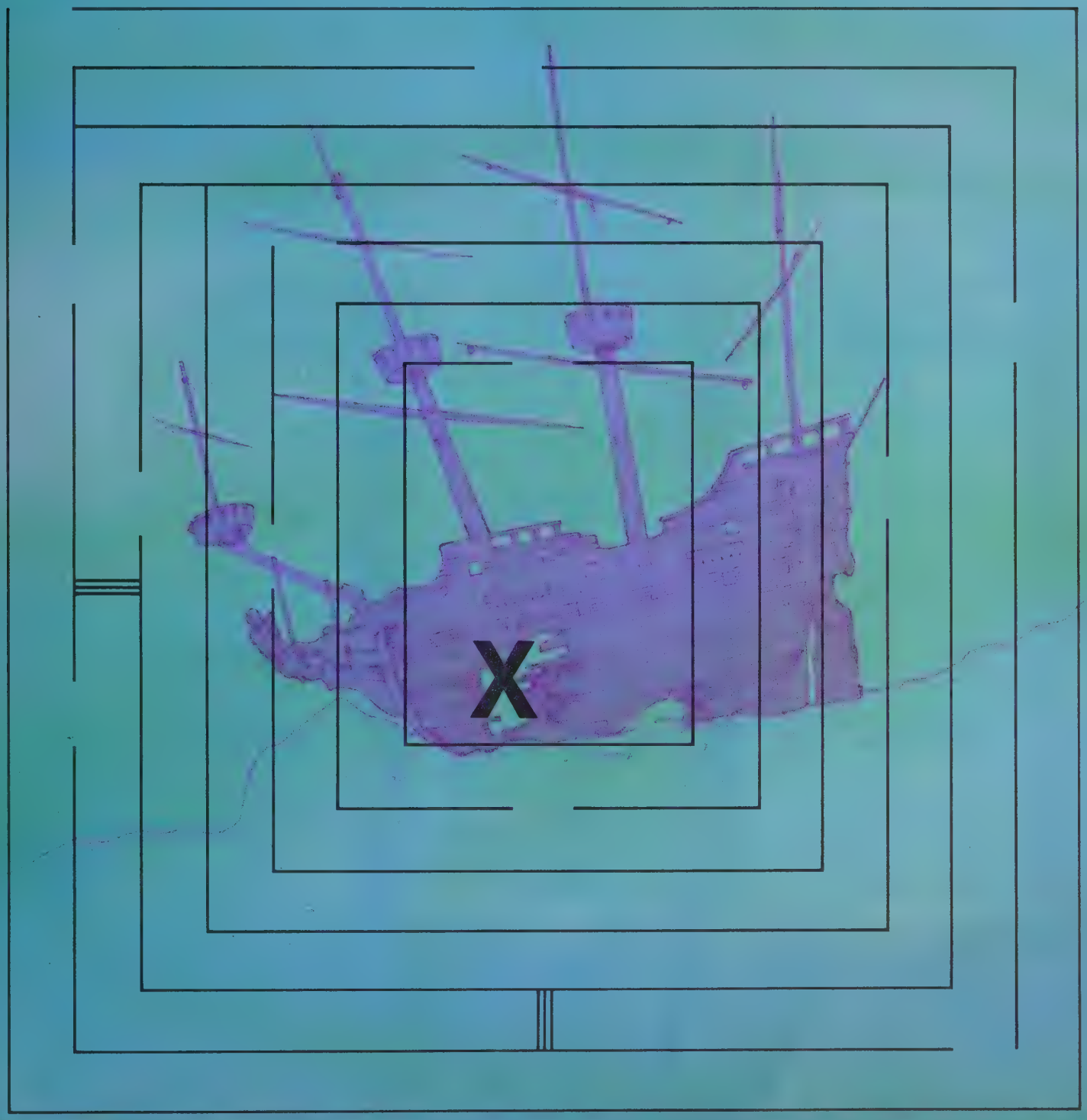
$4 - 2 =$ ____



$6 - 5 =$ ____

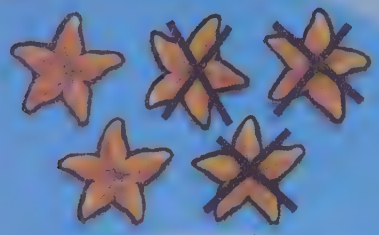
$3 - 1 =$ ____

$8 - 2 =$ ____



Find a way for the diver to get to the treasure.

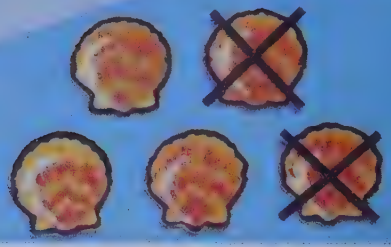
Complete the number sentences.



5 – 3 = 2

5 – ___ = ___

___ – ___ = ___

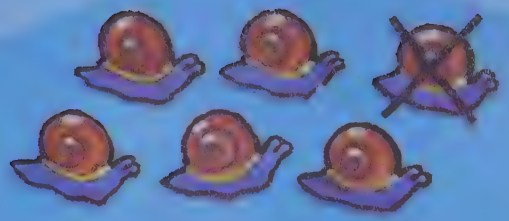


___ – ___ = ___

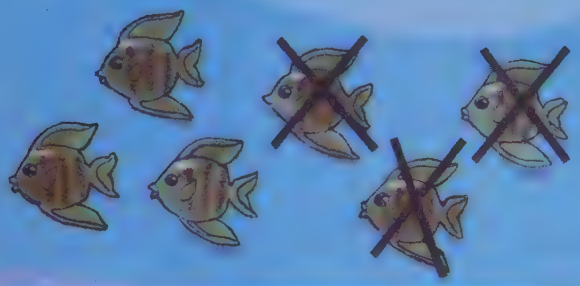
4 – 3 = ___	4 – 0 = ___	5 – 0 = ___
3 – 1 = ___	2 – 1 = ___	5 – 1 = ___
4 – 1 = ___	1 – 0 = ___	5 – 5 = ___
5 – 1 = ___	2 – 0 = ___	5 – 2 = ___
1 – 1 = ___	4 – 2 = ___	3 – 0 = ___
5 – 3 = ___	5 – 4 = ___	4 – 2 = ___
3 – 3 = ___	3 – 2 = ___	5 – 3 = ___
5 – 5 = ___	4 – 4 = ___	2 – 2 = ___

Complete the number sentences.

$6 - 2 = \_\_\_\_$



$6 - \_\_\_\_ = \_\_\_\_$



$\_\_\_\_ - \_\_\_\_ = \_\_\_\_$

$\_\_\_\_ - \_\_\_\_ = \_\_\_\_$

$2 - 1 = \_\_\_\_$	$3 - 1 = \_\_\_\_$	$4 - 4 = \_\_\_\_$
$5 - 2 = \_\_\_\_$	$6 - 4 = \_\_\_\_$	$3 - 3 = \_\_\_\_$
$4 - 2 = \_\_\_\_$	$6 - 3 = \_\_\_\_$	$6 - 6 = \_\_\_\_$
$5 - 5 = \_\_\_\_$	$5 - 3 = \_\_\_\_$	$5 - 1 = \_\_\_\_$
$6 - 2 = \_\_\_\_$	$4 - 0 = \_\_\_\_$	$2 - 2 = \_\_\_\_$
$4 - 1 = \_\_\_\_$	$5 - 4 = \_\_\_\_$	$4 - 3 = \_\_\_\_$
$6 - 1 = \_\_\_\_$	$6 - 5 = \_\_\_\_$	$6 - 0 = \_\_\_\_$
$4 - 1 = \_\_\_\_$	$5 - 0 = \_\_\_\_$	$3 - 2 = \_\_\_\_$

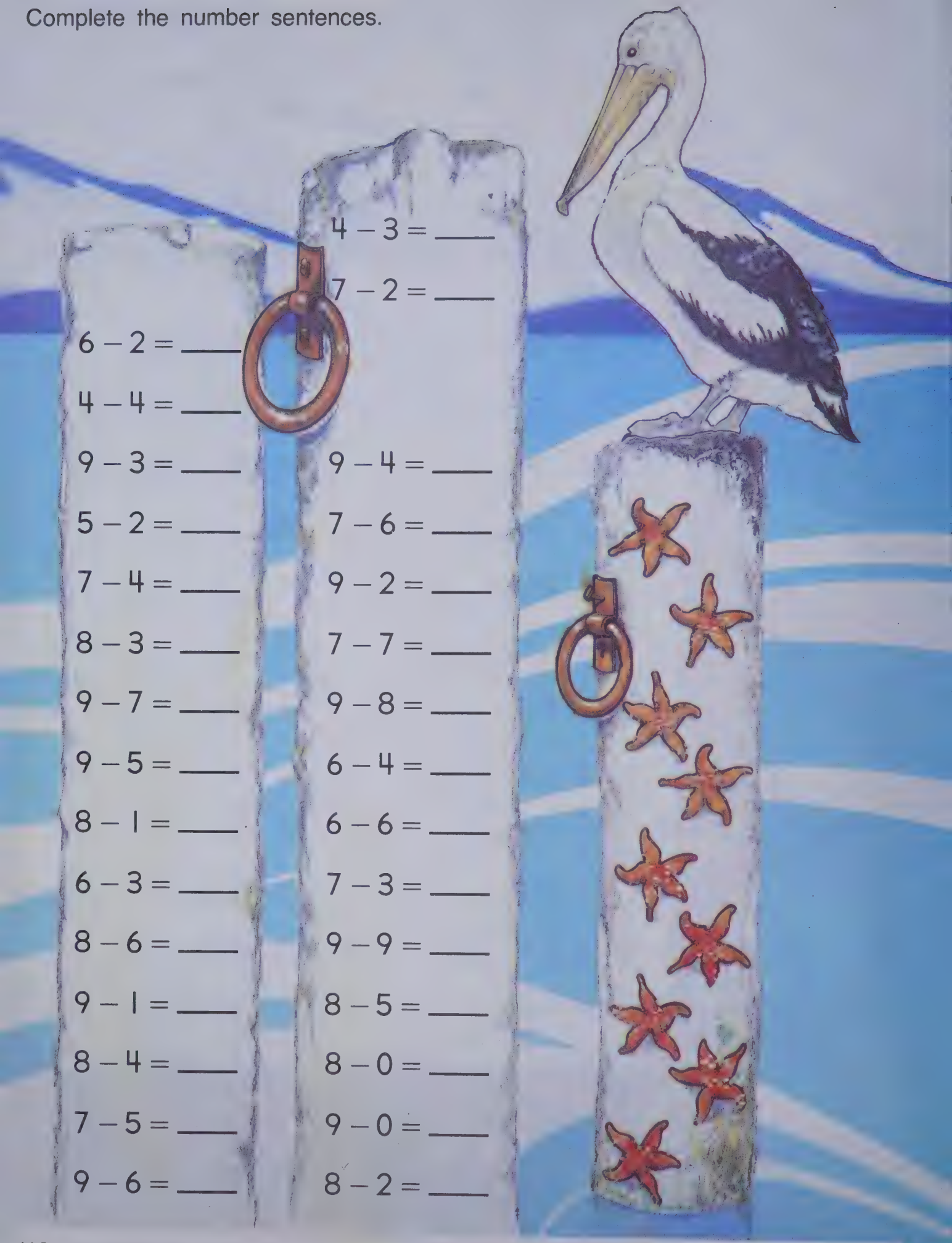
Complete the number sentences.

3 − 1 = ____	5 − 4 = ____	2 − 0 = ____
4 − 3 = ____	5 − 1 = ____	7 − 4 = ____
6 − 1 = ____	6 − 0 = ____	4 − 2 = ____
6 − 5 = ____	7 − 3 = ____	7 − 2 = ____
5 − 2 = ____	7 − 4 = ____	3 − 0 = ____
7 − 6 = ____	3 − 2 = ____	7 − 7 = ____
6 − 4 = ____	7 − 1 = ____	7 − 6 = ____
7 − 0 = ____	4 − 1 = ____	7 − 1 = ____
6 − 3 = ____	1 − 0 = ____	4 − 0 = ____
5 − 5 = ____	5 − 3 = ____	7 − 5 = ____
7 − 2 = ____	2 − 1 = ____	2 − 2 = ____
7 − 5 = ____	6 − 2 = ____	7 − 3 = ____

Complete the number sentences.

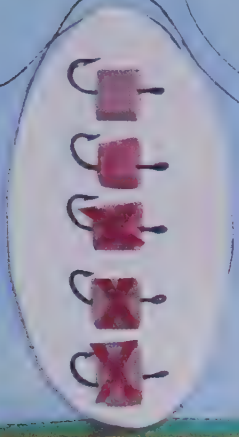
5 − 3 = ____	8 − 3 = ____
7 − 2 = ____	8 − 8 = ____
8 − 7 = ____	6 − 1 = ____
6 − 3 = ____	7 − 5 = ____
8 − 2 = ____	5 − 4 = ____
7 − 7 = ____	8 − 5 = ____
8 − 6 = ____	8 − 4 = ____
6 − 5 = ____	5 − 1 = ____
6 − 2 = ____	7 − 0 = ____
7 − 1 = ____	7 − 6 = ____
8 − 0 = ____	8 − 1 = ____
8 − 4 = ____	8 − 7 = ____
7 − 4 = ____	8 − 3 = ____
6 − 4 = ____	8 − 6 = ____
8 − 2 = ____	8 − 5 = ____

Complete the number sentences.



$6 - 2 =$ ____	$4 - 3 =$ ____
$4 - 4 =$ ____	$7 - 2 =$ ____
$9 - 3 =$ ____	$9 - 4 =$ ____
$5 - 2 =$ ____	$7 - 6 =$ ____
$7 - 4 =$ ____	$9 - 2 =$ ____
$8 - 3 =$ ____	$7 - 7 =$ ____
$9 - 7 =$ ____	$9 - 8 =$ ____
$9 - 5 =$ ____	$6 - 4 =$ ____
$8 - 1 =$ ____	$6 - 6 =$ ____
$6 - 3 =$ ____	$7 - 3 =$ ____
$8 - 6 =$ ____	$9 - 9 =$ ____
$9 - 1 =$ ____	$8 - 5 =$ ____
$8 - 4 =$ ____	$8 - 0 =$ ____
$7 - 5 =$ ____	$9 - 0 =$ ____
$9 - 6 =$ ____	$8 - 2 =$ ____

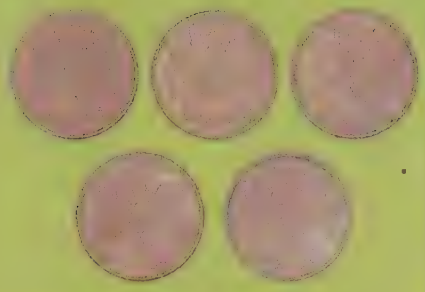
Subtract.



$$\begin{array}{r} 5 \\ -\ 3 \\ \hline ? \end{array}$$

$$\begin{array}{r} 4 \\ -\ 2 \\ \hline \end{array}$$

$\begin{array}{r} 3 \\ -\ 1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -\ 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -\ 4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ -\ 1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -\ 4 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ -\ 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -\ 6 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -\ 3 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -\ 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -\ 4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -\ 2 \\ \hline \end{array}$
$\begin{array}{r} 8 \\ -\ 5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -\ 2 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -\ 4 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -\ 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -\ 3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -\ 4 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ -\ 6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -\ 3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -\ 2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -\ 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -\ 2 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -\ 5 \\ \hline \end{array}$
$\begin{array}{r} 5 \\ -\ 5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -\ 4 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -\ 7 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -\ 0 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -\ 6 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -\ 3 \\ \hline \end{array}$
$\begin{array}{r} 9 \\ -\ 2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -\ 7 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -\ 3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -\ 5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -\ 1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -\ 2 \\ \hline \end{array}$

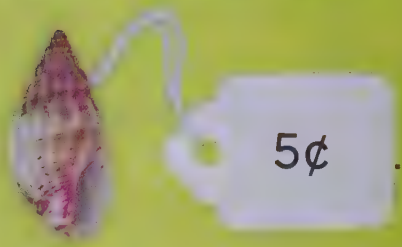
I have  .

I buy 

.

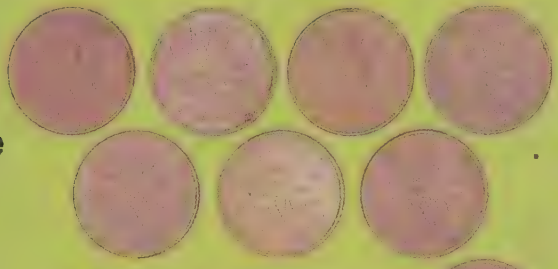
I have _____ ¢ left.

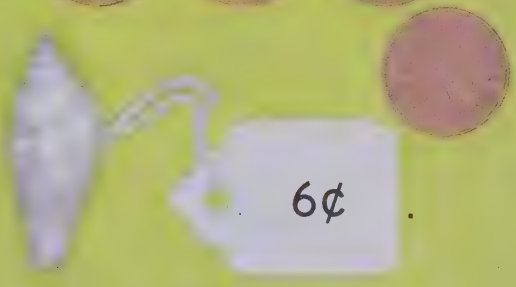
I have  .

I buy 

.

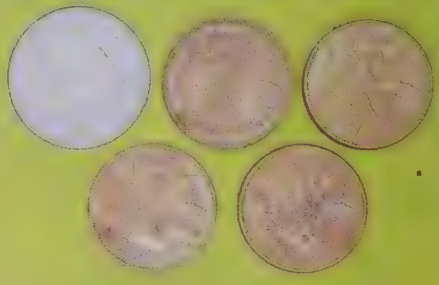
I have _____ ¢ left.

I have  .

I buy 

.

I have _____ ¢ left.

I have  .

I buy 

.

I have _____ ¢ left.

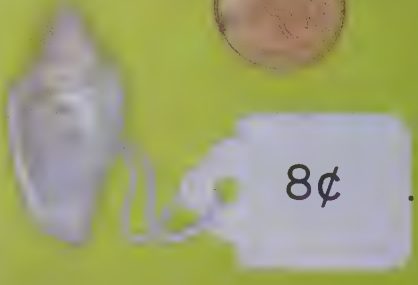
I have  .

I buy 

.

I have _____ ¢ left.

I have  .

I buy 

.

I have _____ ¢ left.

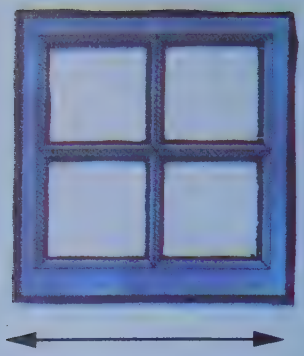
Mark.

Ring the stones needed to balance each object.

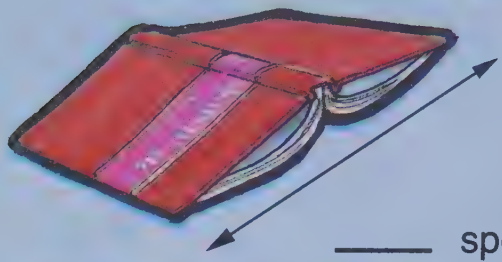
Measure.

span

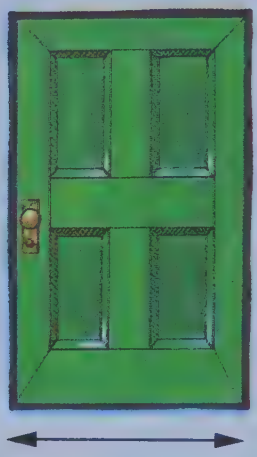
____ spans



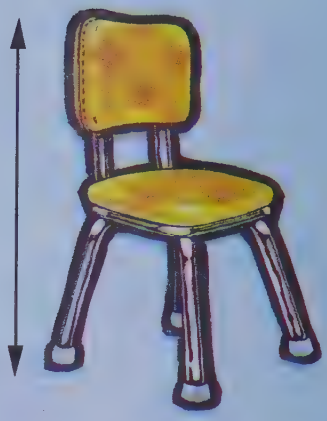
____ spans



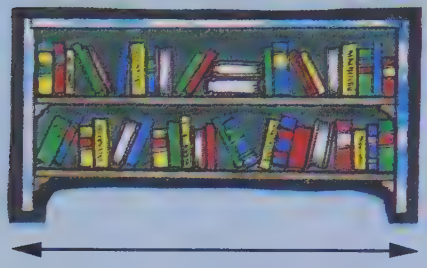
____ spans



____ spans

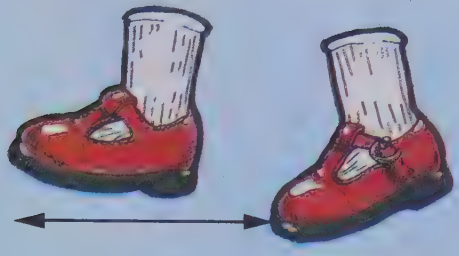


____ spans



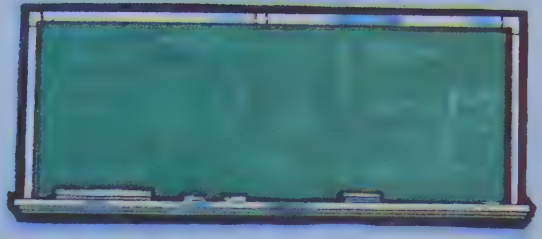
____ spans

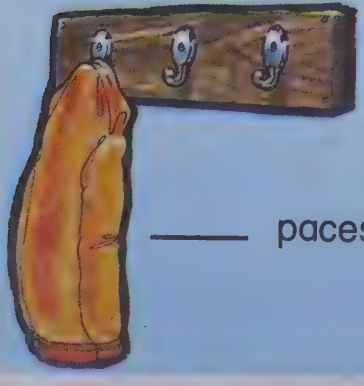
Measure.



pace

to the  ____ paces

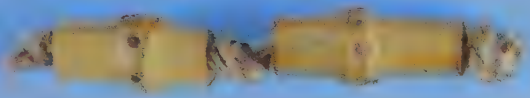
to the  ____ paces

to the  ____ paces

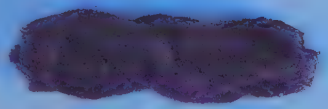
to the ____ paces 

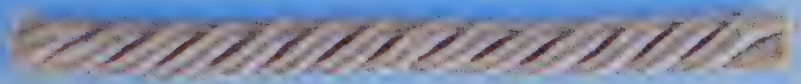
Measure each object in spans and each distance in paces.

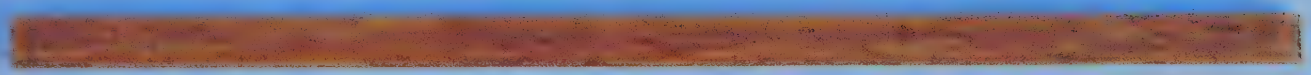
Measure. Use a  .

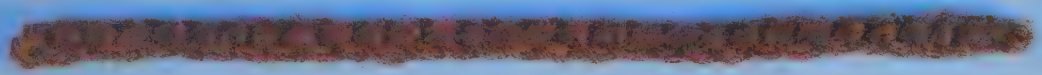

2 clips

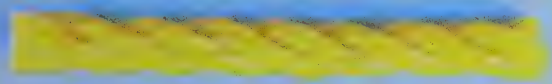

____ clips


____ clips


____ clips

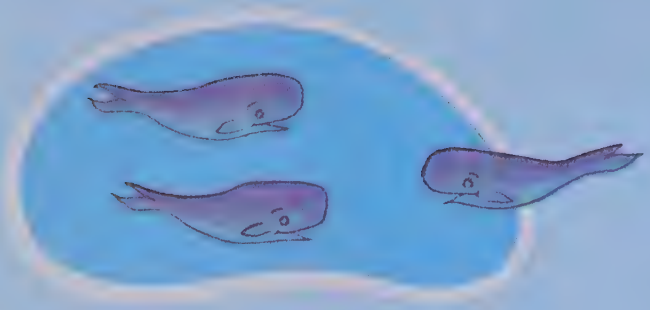

____ clips


____ clips

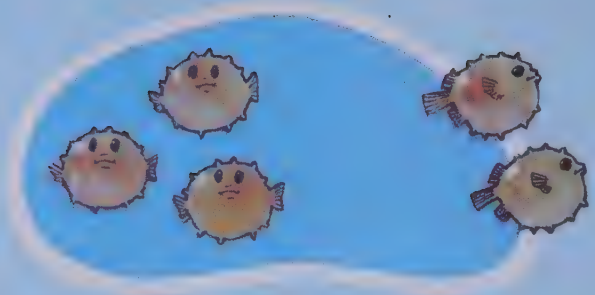

____ clips


____ clips

Complete.

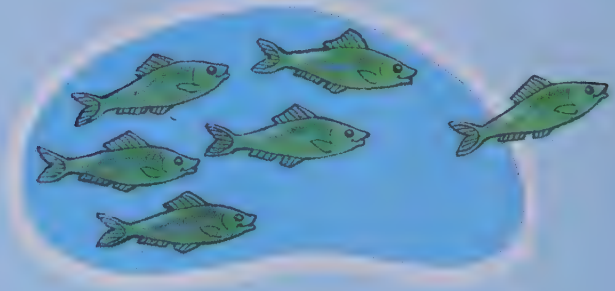


2 ◯ ___ = ___

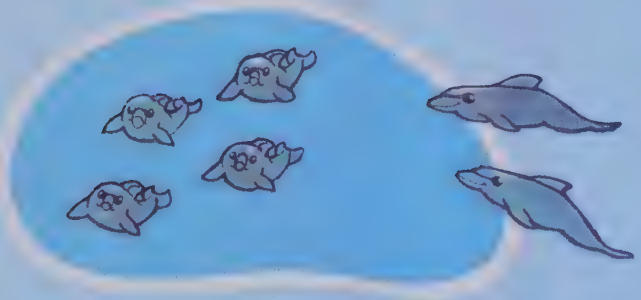


5 ◯ ___ = ___

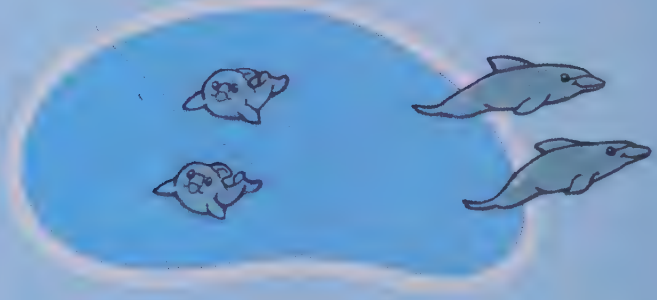
3 ◯ ___ = ___



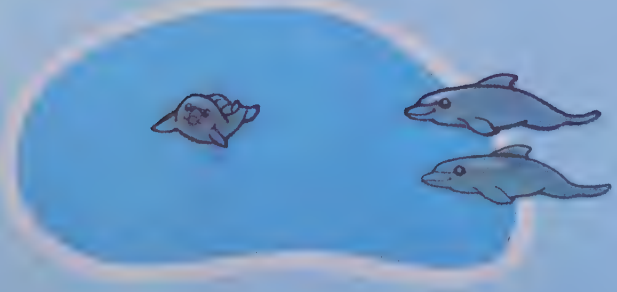
6 ◯ ___ = ___



4 ◯ ___ = ___



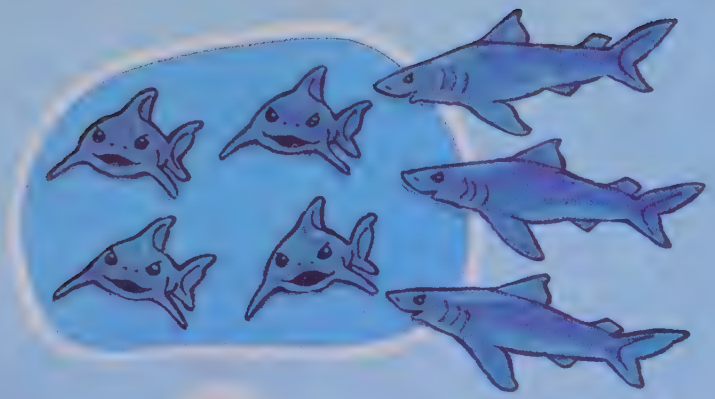
4 ◯ ___ = ___

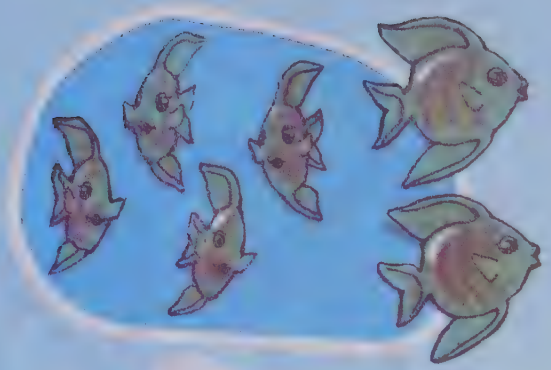


___ ◯ ___ = ___

___ ◯ ___ = ___

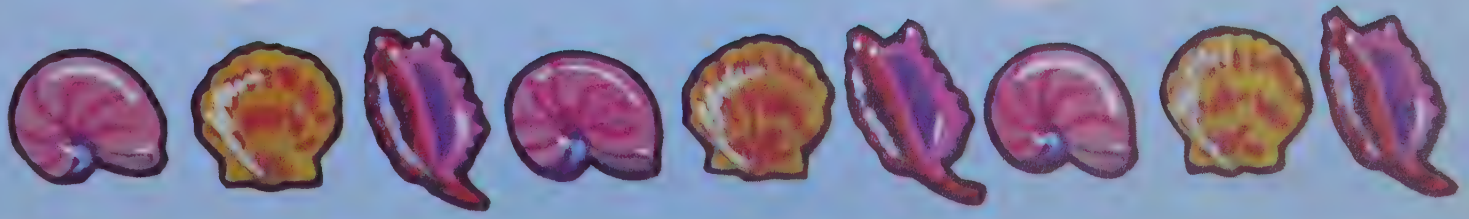
Complete.





4	+	3 = 7	6	+	2 = 4
6	−	2 = 8	4	−	3 = 1
2	+	3 = 5	8	−	1 = 9
8	−	3 = 5	4	+	4 = 8
9	−	4 = 5	7	−	2 = 5
3	+	5 = 8	5	+	3 = 8
6	−	4 = 2	9	−	8 = 1
7	−	0 = 7	1	+	8 = 9
3	−	1 = 2	3	+	3 = 0
1	+	3 = 4	3	+	3 = 6
9	+	3 = 6	8	−	6 = 2

Write the correct sign for each number sentence.



Add.

Subtract.

Complete.

C + D = G

3 + 4 = 7

C − A = B

3 − 1 = 2

A + C = D

___ + ___ = ___

I − E = D

___ − ___ = ___

B + B = D

___ + ___ = ___

F − C = C

___ − ___ = ___

C + B = E

___ + ___ = ___

H − C = E

___ − ___ = ___

D + B = F

___ + ___ = ___

G − E = B

___ − ___ = ___

D + E = ___

___ + ___ = ___

E − C = ___

___ − ___ = ___

Write the numeral for each letter. Check that each sentence is correct.

1

2

3

4

5

6

Making shapes on a geoboard

Try these.

$1 + 4 = \_\_\_$

$5 - 2 = \_\_\_$

$6 - 4 = \_\_\_$

$2 + 3 = \_\_\_$

$5 - 4 = \_\_\_$

$6 - 5 = \_\_\_$

$3 + 3 = \_\_\_$

$2 - 2 = \_\_\_$

$4 + 2 = \_\_\_$

$1 + 3 = \_\_\_$

$6 - 2 = \_\_\_$

$5 + 1 = \_\_\_$

$4 - 1 = \_\_\_$

$6 + 0 = \_\_\_$

$3 + 2 = \_\_\_$

Now try these.

$6 + 2$	$9 - 2$	$6 + 3$	$8 - 0$
$6 - 3$	$4 + 3$	$7 + 1$	$9 - 6$
$7 - 5$	$9 - 4$	$8 - 8$	$8 - 1$
$9 - 1$	$7 - 2$	$9 - 5$	$3 + 5$
$6 + 1$	$0 + 8$	$8 - 6$	$3 + 4$
$9 - 7$	$1 + 8$	$8 - 4$	$4 + 5$

Color.

Color according to the code.

Complete.

$4 + 1 =$ ____ $2 + 2 =$ ____

$2 + 6 =$ ____ $3 + 4 =$ ____

$2 + 0 =$ ____ $5 + 3 =$ ____

$3 + 3 =$ ____ $7 + 2 =$ ____

$5 + 4 =$ ____ $2 + 5 =$ ____

$5 - 2 =$ ____ $6 - 4 =$ ____

$9 - 4 =$ ____ $5 - 0 =$ ____

$3 - 2 =$ ____ $5 - 4 =$ ____

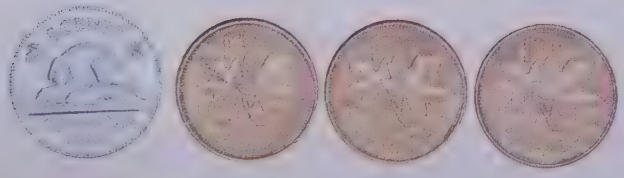
$4 - 4 =$ ____ $8 - 7 =$ ____

$8 - 2 =$ ____ $9 - 3 =$ ____

Print + or −.

1 ◯ 3 = 4 7 ◯ 3 = 4

2 ◯ 7 = 9 8 ◯ 5 = 3

I have 

I buy 

.

I have ____ ¢ left.

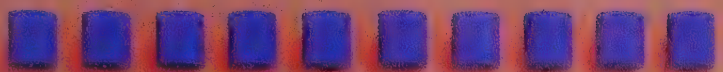
Add.

1	2
+1	+4
4	3
+3	+5
3	4
+2	+4
5	3
+4	+6

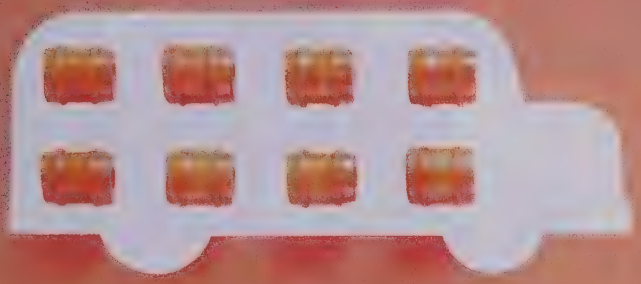
Subtract.

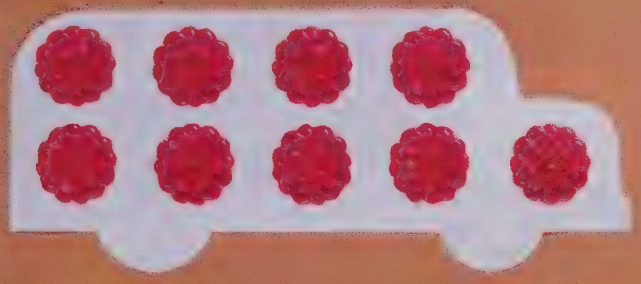
8	8
−3	−4
7	6
−5	−2
7	9
−2	−3
4	6
−2	−3

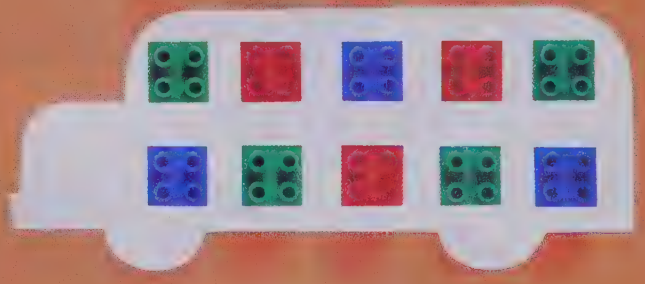
Mark.

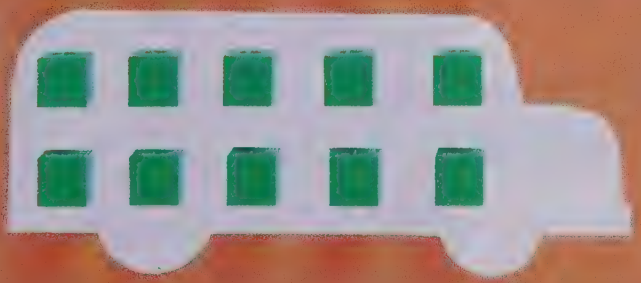


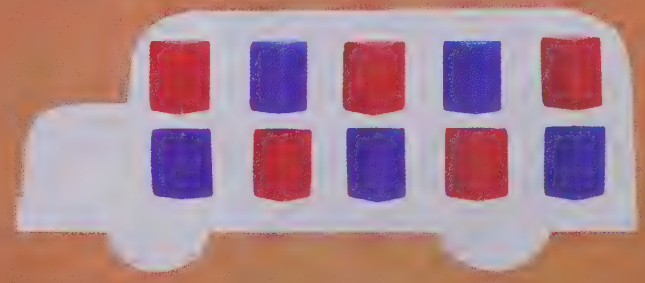
10 ten









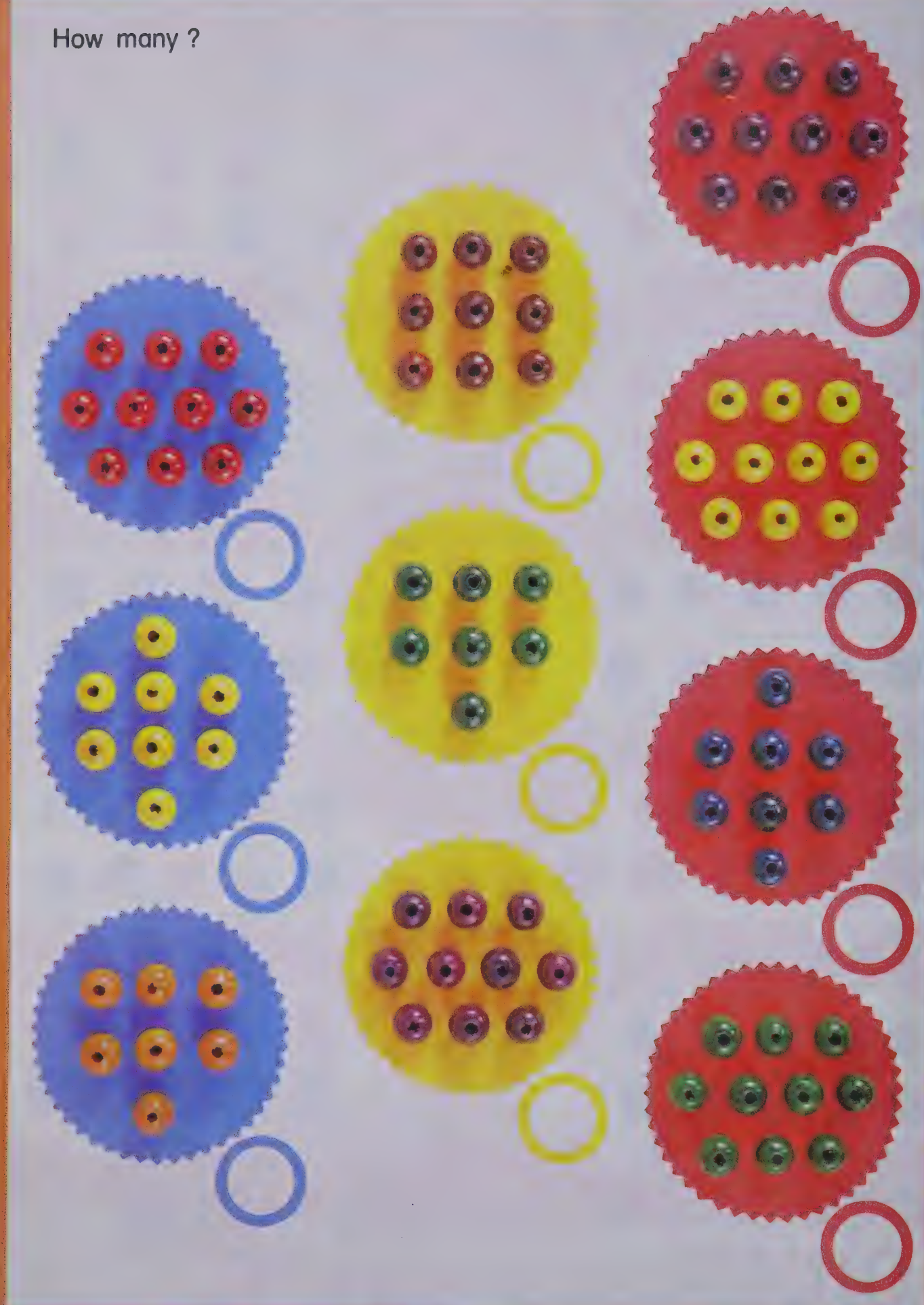


Use a √ to show sets of ten.

Print.

10	10	10					

How many ?



Print the correct numeral for each set.

Complete.

9 + 1 = 10

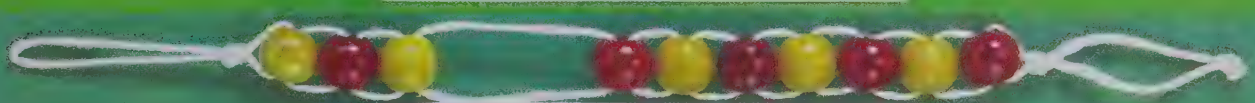
___ + ___ = 10

___ + ___ = 10

___ + ___ = 10

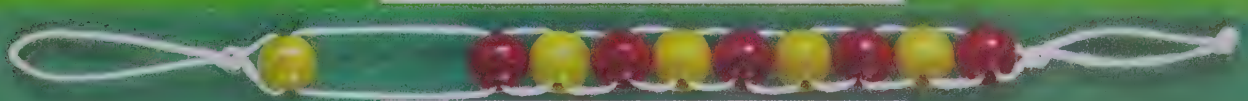
___ + ___ = 10

___ + ___ = 10



___ + ___ = 10

___ + ___ = 10

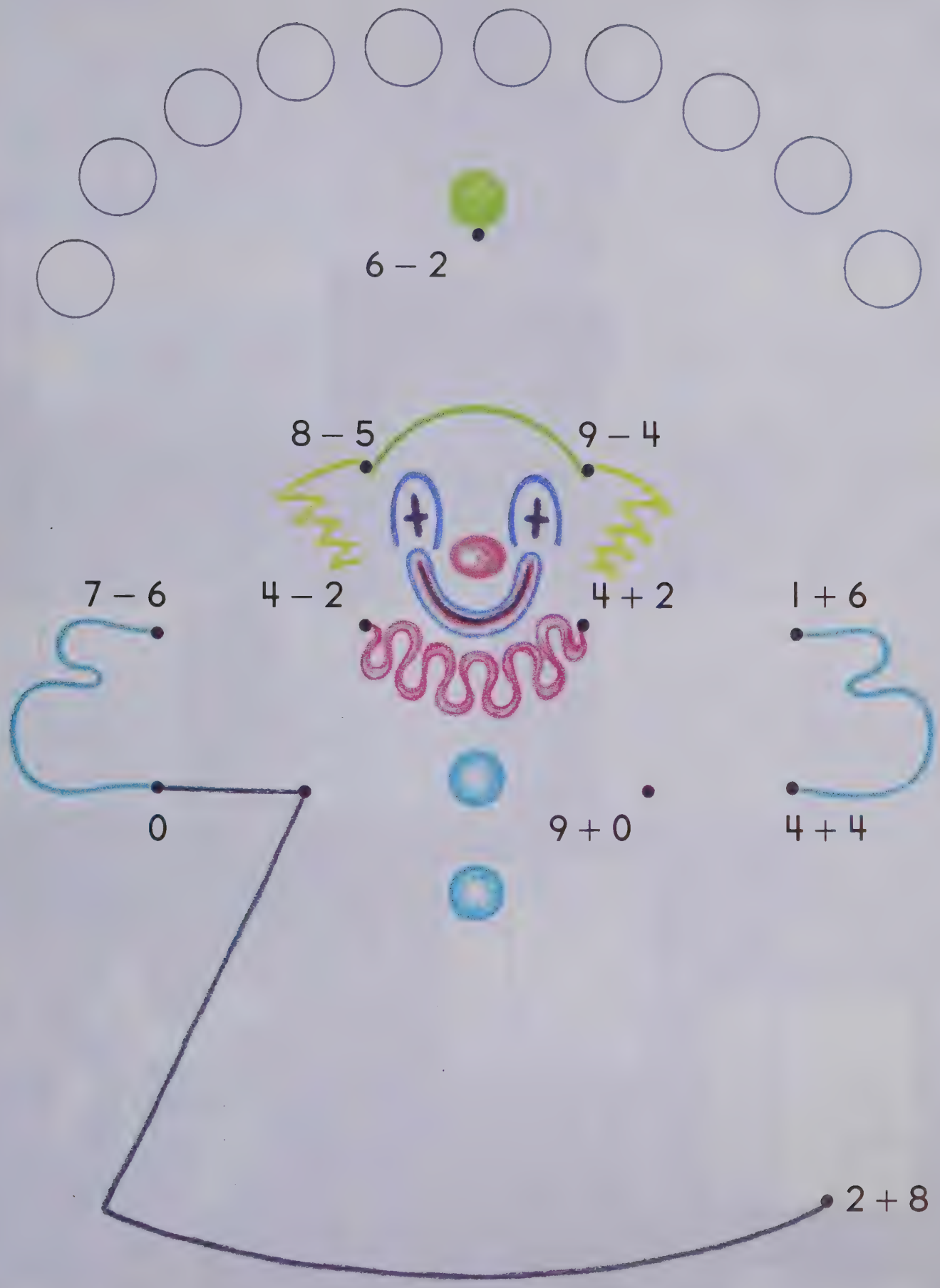


___ + ___ = 10

Complete.

$4 + 2 =$ ____	$6 + 2 =$ ____	$8 + 2 =$ ____
$1 + 3 =$ ____	$4 + 3 =$ ____	$7 + 3 =$ ____
$0 + 5 =$ ____	$5 + 5 =$ ____	$10 + 0 =$ ____

Show how many there are in each set. Use arrows to show a path from 1 to 10.



Add or subtract as indicated. Join the dots in order.

Complete the number sentences.

1 + 9 = ____	5 + 5 = ____
6 + 4 = ____	10 + 0 = ____
3 + 7 = ____	2 + 8 = ____
0 + 10 = ____	4 + 6 = ____
9 + 1 = ____	7 + 3 = ____
8 + 2 = ____	5 + 5 = ____

Add.

+		
4	3	7
2	1	

2	2	
3	2	

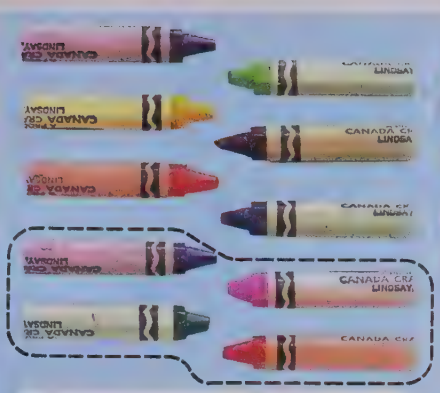
5	0	
3	2	

0	3	
3	4	

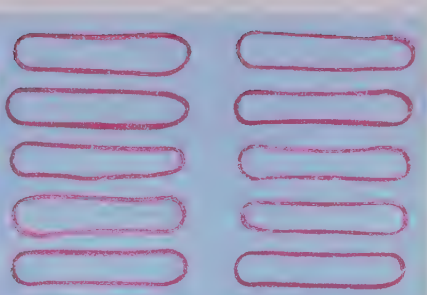
2	3	
2	1	

Complete.

10 − 3 = 7



10 − 4 = ____



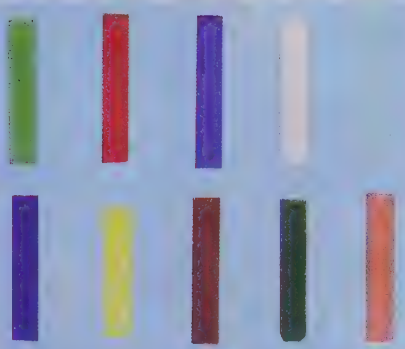
10 − 7 = ____

10 − 5 = ____

10 − 1 = ____

10 − 8 = ____

10 − 6 = ____



10 − 2 = ____

10 − 9 = ____

10 − 0 = ____

10 − 10 = ____

Complete the number sentences.

$4 - 2 = \_\_\_$	$4 - 3 = \_\_\_$	$4 - 4 = \_\_\_$
$5 - 2 = \_\_\_$	$5 - 3 = \_\_\_$	$5 - 4 = \_\_\_$
$6 - 2 = \_\_\_$	$6 - 3 = \_\_\_$	$6 - 4 = \_\_\_$
$7 - 2 = \_\_\_$	$7 - 3 = \_\_\_$	$7 - 4 = \_\_\_$
$8 - 2 = \_\_\_$	$8 - 3 = \_\_\_$	$8 - 4 = \_\_\_$
$9 - 2 = \_\_\_$	$9 - 3 = \_\_\_$	$9 - 4 = \_\_\_$
$10 - 2 = \_\_\_$	$10 - 3 = \_\_\_$	$10 - 4 = \_\_\_$

Subtract.

10	−
0	10
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	

10	−
7	3
2	
6	
8	
1	
5	
10	
3	
9	
0	
4	

START

1 + 1

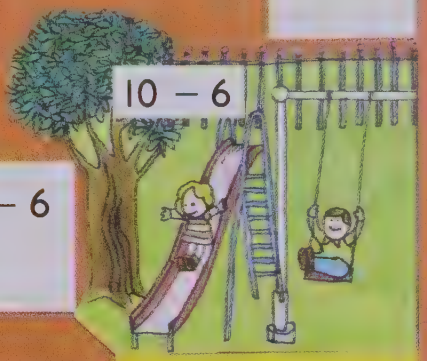
3 − 2 | 4 − 0 | 4 + 4 | 9 + 1

9 − 3 | 8 + 2 | 7 − 6 | 5 + 5

Move back 3.

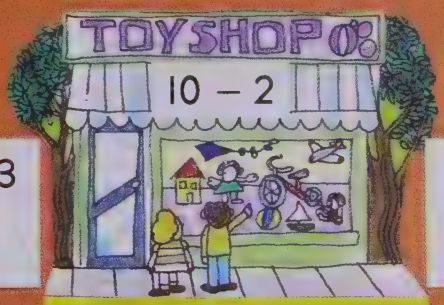
Move back 2.

10 − 4 | 10 + 0 | 7 + 3 | 8 − 6



Move ahead 3.

10 − 0

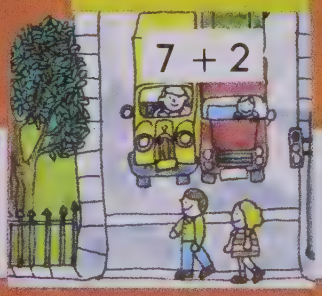


10 − 5 | 6 + 3 | 8 + 1 | 10 − 1 | 10 − 3 | 4 + 6

Move ahead 3.

10 − 7

Miss a turn.



3 + 7

5 + 4 | 10 − 10 | 6 + 1 | 10 − 9 | 5 + 3 | 10 − 8 | 8 − 4

7 − 3

Move ahead 2.

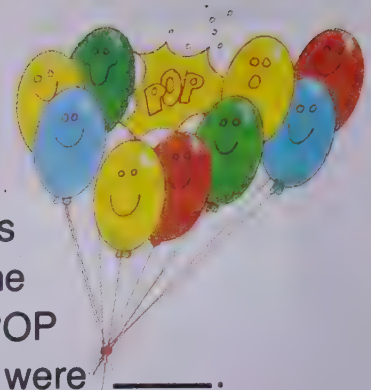
9 − 5 | 1 + 7 | 4 + 3 | 6 − 4

HOME

Complete.

Three fat lions
Sitting in a zoo
One went to Africa
And then there were ____.

_____



Ten big balloons
Feeling quite fine
But one went POP
And then there were ____.

_____

Eight little beavers
Gathering up sticks
Two went swimming
And then there were ____.

_____

Seven fluffy kittens
Playing on the floor
Three went to bed
And then there were ____.

_____

Five red robins
Sitting in a tree
Two flew away
And then there were ____.

_____

Four gray sparrows
Chasing a honeybee
One found a fly
And then there were ____.

_____

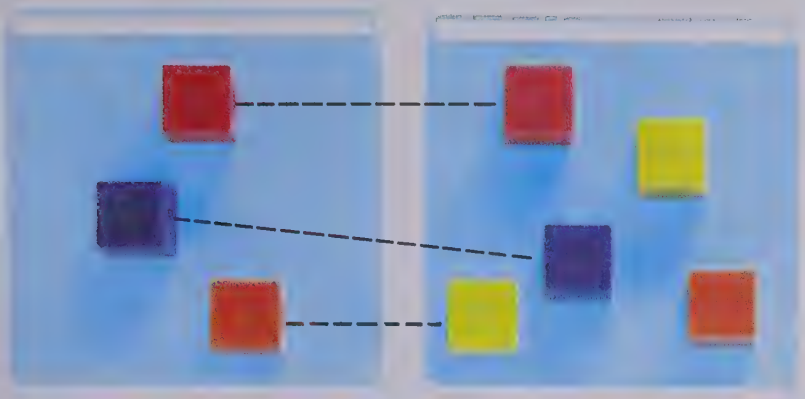
Write a subtraction sentence for each rhyme.

Match and complete.

I have

Pat has

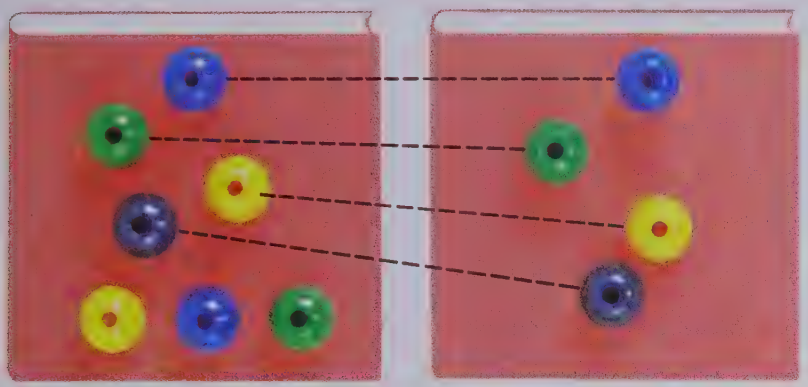
How many more has Pat ? _____



I have

Pat has

How many more have I ? _____



I have

Pat has

How many more has Pat ? _____

I have

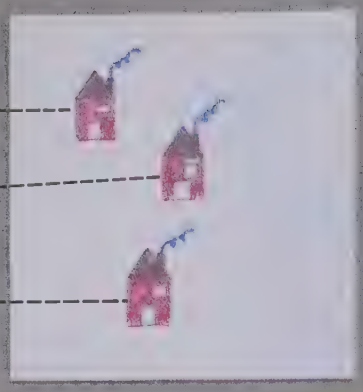
Pat has

How many more have I ? _____

Match and complete.

I have

Pat has



I have ____. Pat has ____.

$5 - 3 =$ ____

I have ____ more than Pat.

Pat has ____ fewer than I.

I have

Pat has

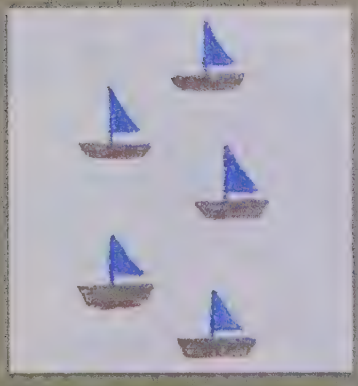
I have ____. Pat has ____.

$6 - 3 =$ ____

I have ____ more than Pat.

Pat has ____ fewer than I.

I have



Pat has

Pat has ____. I have ____.

$8 - 5 =$ ____

Pat has ____ more than I.

I have ____ fewer than Pat.

I have

Pat has

I have ____. Pat has ____.

____ − ____ = ____

I have ____ more than Pat.

Pat has ____ fewer than I.

dime 10 cents 10¢

I had 10¢.

I spent 7¢.

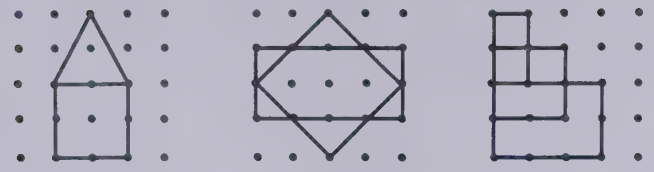
I have 3¢.

I had	I spent	I have
10¢	4¢	____¢
9¢	6¢	____¢
7¢	2¢	____¢
8¢	5¢	____¢

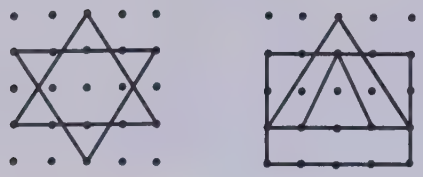
I had	I bought	I have
10¢	3¢ 2¢	____¢
10¢	6¢ 4¢	____¢
10¢	3¢ 5¢	____¢
10¢	7¢ 2¢	____¢
10¢	4¢ 3¢	____¢

Copy the shapes.

1 2 3



4 5



1

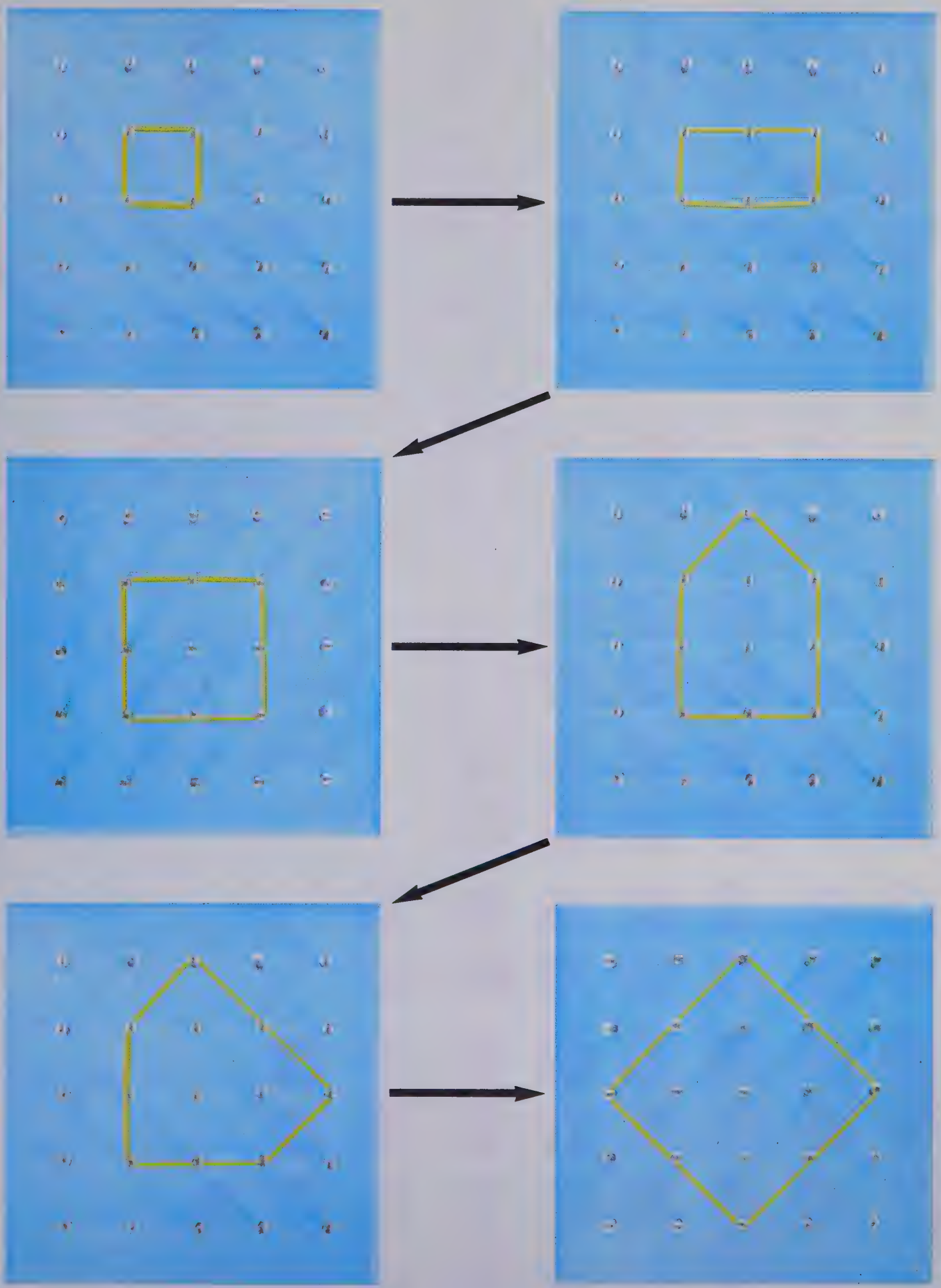
2

3

4

5

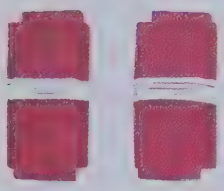
Change the shapes.



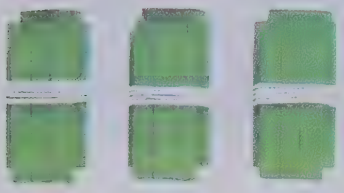
On a geoboard, copy the first shape and then change it to the next shape.

How many ?

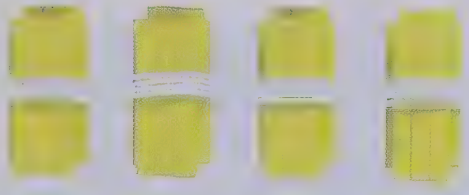
ten



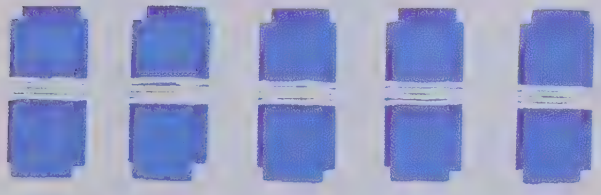
____ tens



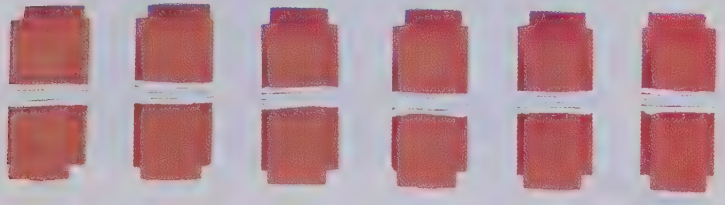
____ tens



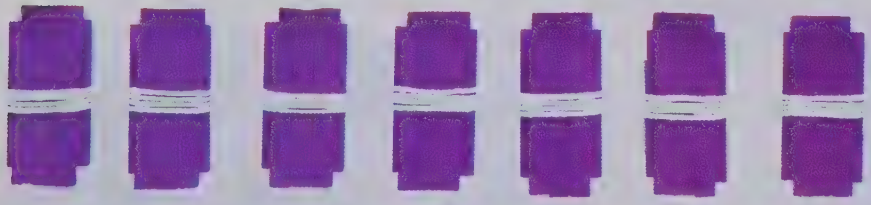
____ tens



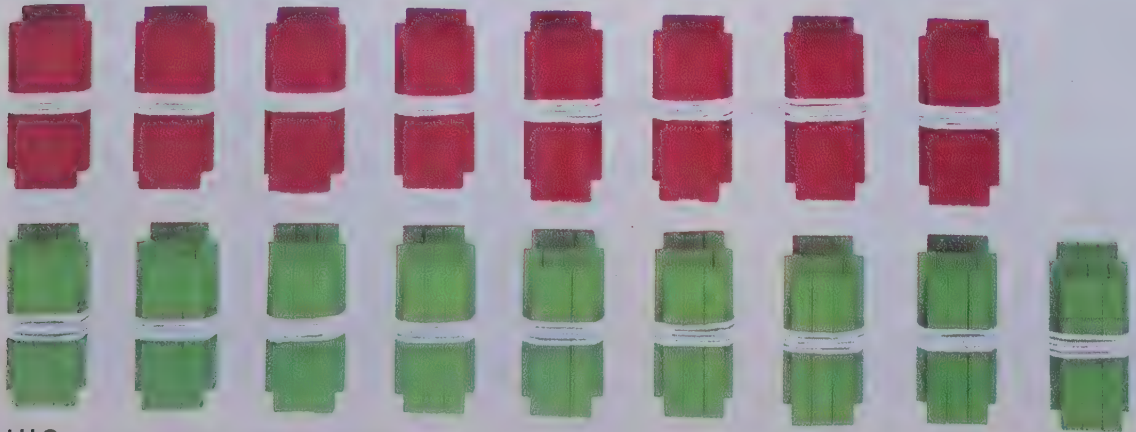
____ tens



____ tens

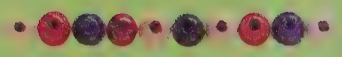


____ tens



____ tens

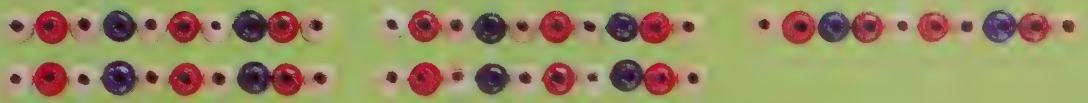
Complete.

1 ten  10

____ tens  20

3 tens  ____

____ tens  ____

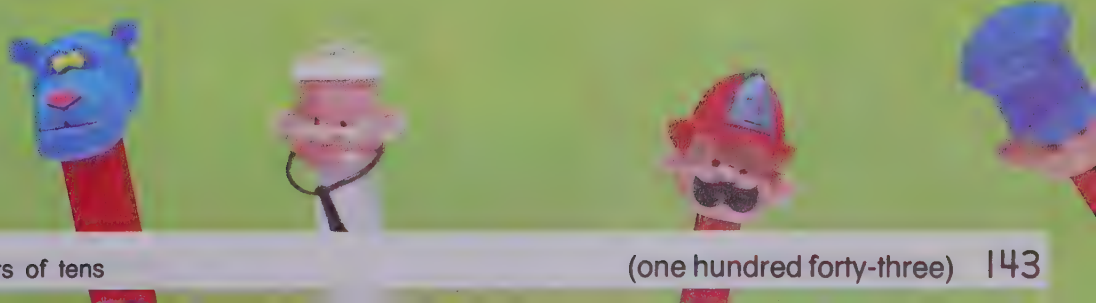
____ tens  ____

6 tens 60

____ tens  70

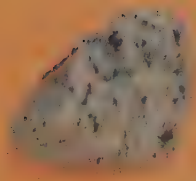
8 tens 80

9 tens ____



How much ?

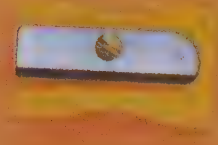
50 ¢



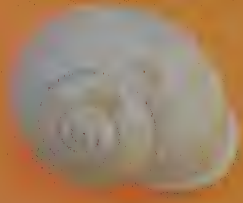
____ ¢

____ ¢

____ ¢

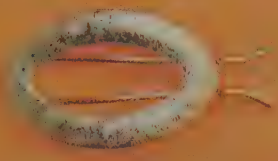


____ ¢



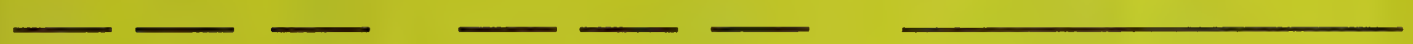
____ ¢

____ ¢

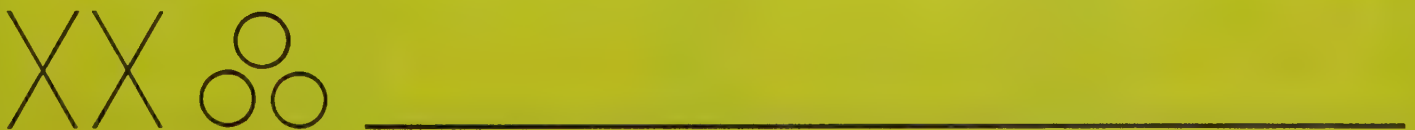


____ ¢

Complete.



2 3 2 3 



Complete each pattern and count the shapes.

Complete.

$2 + 3 =$ ____ $3 + 3 =$ ____ $4 + 3 =$ ____

$2 + 4 =$ ____ $3 + 4 =$ ____ $4 + 4 =$ ____

$2 + 5 =$ ____ $3 + 5 =$ ____ $4 + 5 =$ ____

$2 + 6 =$ ____ $3 + 6 =$ ____ $4 + 6 =$ ____

5	5	5	5	5	5
+0	+2	+4	+1	+3	+5

1	2	3	4	5	6
+6	+5	+4	+3	+2	+1

$6 - 4 =$ ____ $6 - 5 =$ ____ $6 - 6 =$ ____

$7 - 4 =$ ____ $7 - 5 =$ ____ $7 - 6 =$ ____

$8 - 4 =$ ____ $8 - 5 =$ ____ $8 - 6 =$ ____

$9 - 4 =$ ____ $9 - 5 =$ ____ $9 - 6 =$ ____

10	10	10	10	10	10
−10	−8	−6	−4	−2	−0

9	8	7	6	5	4
−7	−6	−5	−4	−3	−2

Ring.

five
5

2 + 2
4 + 1
0 + 5
6 + 1
8 − 4

seven
7

9 − 2
5 − 2
10 − 3
4 + 3
1 + 5

eight
8

6 + 2
10 − 2
9 − 3
4 + 4
2 + 6

ten
10

4 + 5
10 − 0
3 + 7
5 + 5
8 − 2

two
2

8 − 6
4 − 2
1 + 2
7 − 4
2 + 0

four
4

3 + 1
5 − 1
9 − 5
1 + 3
10 − 6

six
6

4 − 2
3 + 3
9 − 3
1 + 5
8 − 2

nine
9

5 + 2
0 + 9
10 − 1
3 + 6
1 + 8

Ring the names for each number.

Complete.

1 ___ 3 ___ 5 6 ___ 8 ___

10 20 ___ 40 ___ 60 70 ___ 90

---

4 + 2 = ___ 4 + 3 = ___ 6 + 2 = ___

4 + 5 = ___ 5 + 2 = ___ 4 + 6 = ___

5	3	3	0	1	5
+5	+6	+7	+8	+9	+3

---

5 − 3 = ___ 8 − 6 = ___ 7 − 5 = ___

7 − 3 = ___ 8 − 4 = ___ 9 − 6 = ___

6	10	8	9	10	7
−2	−4	−3	−4	−2	−4

---

1 4 1 4 1 4 ___ ___

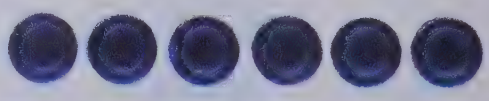
1 2 3 1 2 3 ___ ___ ___

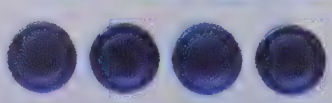
3 2 1 3 2 1 ___ ___ ___

I had 10¢.

I spent 7¢.

I have ___ ¢.

Pat has  .

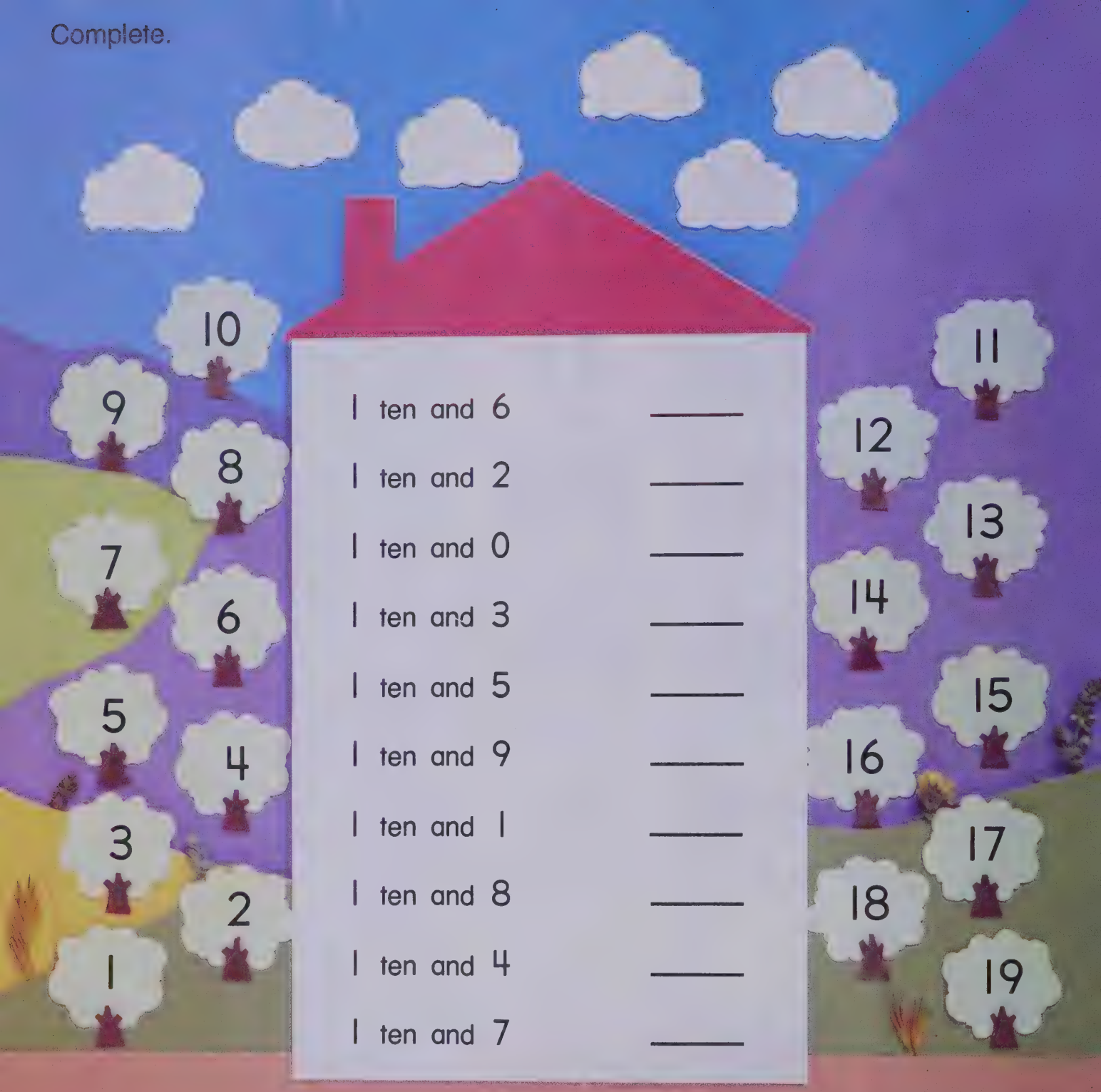
I have  .

How many more has Pat ? ___

Complete.

1	ten and	zero	10
1	ten and	one	11
1	ten and	two	____
1	ten and	3	____
1	ten and	4	____
1	ten and	5	____
1	ten and	____	16
____	ten and	____	____
1	ten and	8	____
1	ten and	____	19

Complete.



1 ten and 6 ____

1 ten and 2 ____

1 ten and 0 ____

1 ten and 3 ____

1 ten and 5 ____

1 ten and 9 ____

1 ten and 1 ____

1 ten and 8 ____

1 ten and 4 ____

1 ten and 7 ____

10 11 ____ 13 14 ____ ____ 17 ____

12 ____ ____ 15 ____ ____ ____ 19

4 5 ____ 7 ____ ____ 10 ____ ____

Print the missing numerals.

Complete.

10 and one more is 11

11 and one more is ____

12 and one more is ____

13 and one more is ____

14 and one more is ____

15 and one more is ____

16 and one more is ____

17 and one more is ____

18 and one more is ____

$10 + 0 =$ ____

$10 + 1 =$ ____

$10 + 2 =$ ____

$10 + 3 =$ ____

$10 + 4 =$ ____

$10 + 5 =$ ____

$10 + 6 =$ ____

$10 + 7 =$ ____

$10 + 8 =$ ____

$10 + 9 =$ ____

What number comes after?

14 ____ 12 ____

11 ____ 16 ____

15 ____ 10 ____

18 ____ 17 ____

What number comes before?

____ 17 ____ 11

____ 12 ____ 18

____ 19 ____ 14

____ 16 ____ 15

Complete.

$10 + 0 = \_\_\_\_$

$10 + 1 = \_\_\_\_$

$10 + 2 = \_\_\_\_$

$10 + 3 = \_\_\_\_$

$10 + 4 = \_\_\_\_$

$10 + 5 = \_\_\_\_$

$10 + 6 = \_\_\_\_$

$10 + 7 = \_\_\_\_$

$10 + 8 = \_\_\_\_$

$10 + 9 = \_\_\_\_$

$9 + 10 = \_\_\_\_$

$8 + 10 = \_\_\_\_$

$7 + 10 = \_\_\_\_$

$6 + 10 = \_\_\_\_$

$5 + 10 = \_\_\_\_$

$4 + 10 = \_\_\_\_$

$3 + 10 = \_\_\_\_$

$2 + 10 = \_\_\_\_$

$1 + 10 = \_\_\_\_$

$0 + 10 = \_\_\_\_$

$10 + \_\_\_\_ = 15$

$10 + \_\_\_\_ = 12$

$10 + \_\_\_\_ = 17$

$10 + \_\_\_\_ = 14$

$10 + \_\_\_\_ = 11$

$10 + \_\_\_\_ = 13$

$\_\_\_\_ + 10 = 16$

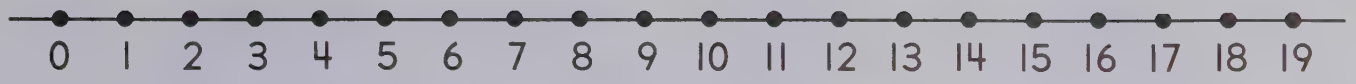
$\_\_\_\_ + 10 = 10$

$\_\_\_\_ + 10 = 18$

$\_\_\_\_ + 10 = 15$

$\_\_\_\_ + 10 = 12$

$\_\_\_\_ + 10 = 19$



What number comes before ?

___ 19 ___ 12 ___ 11 ___ 18 ___ 16

___ 17 ___ 15 ___ 13 ___ 14 ___ 10

What number comes after ?

17 ___ 11 ___ 15 ___ 16 ___ 12 ___

13 ___ 14 ___ 18 ___ 10 ___ 9 ___

12 comes before 13

12 is less than 13

___ comes before 16

___ is less than 16

13 comes after 12

13 is greater than 12

___ comes after 10

___ is greater than 10

Ring.

13 is less than / greater than 17

18 is less than / greater than 12

14 is less than / greater than 11

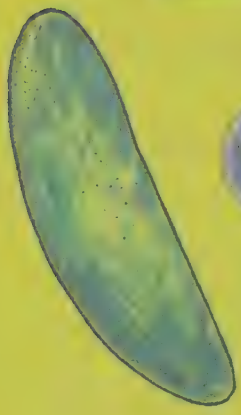
15 is less than / greater than 19

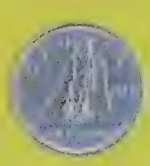
12 is less than / greater than 15

16 is less than / greater than 13

How much ?

____ ¢





____ ¢

____ ¢

____ ¢

_____ 14¢

_____ 16¢

Complete.

1 dime and 9 pennies = ____¢

1 dime and 1 penny = ____¢

13¢ = 1 dime and ____ pennies

15¢ = 1 dime and ____ pennies

Complete.

2 + 1 = ____

3 − 1 = ____

1 + 2 = ____

3 − 2 = ____

1 + 1 = ____

2 − 1 = ____

3 + 1 = ____

4 − 1 = ____

1 + 3 = ____

4 − 3 = ____

2 + 2 = ____

4 − 2 = ____

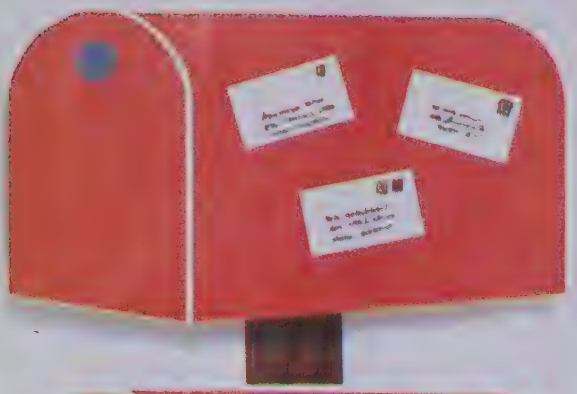
2 + 0 = ____

2 − 0 = ____

0 + 2 = ____

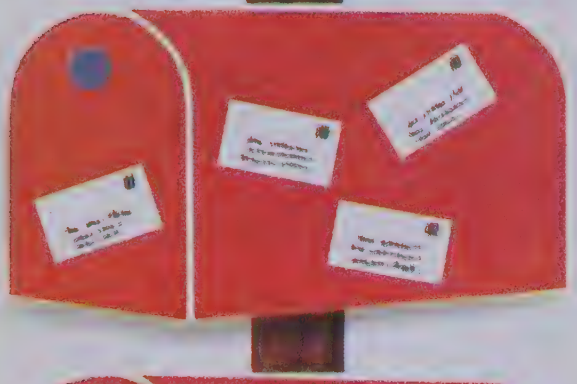
2 − 2 = ____

Complete.



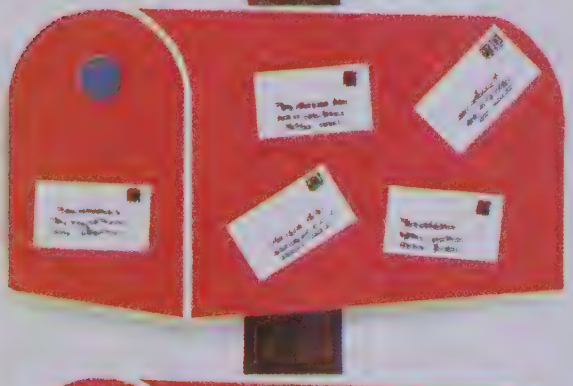
$0 + 3 = \_\_\_\_$ $3 - 3 = \_\_\_\_$

$3 + 0 = \_\_\_\_$ $3 - 0 = \_\_\_\_$



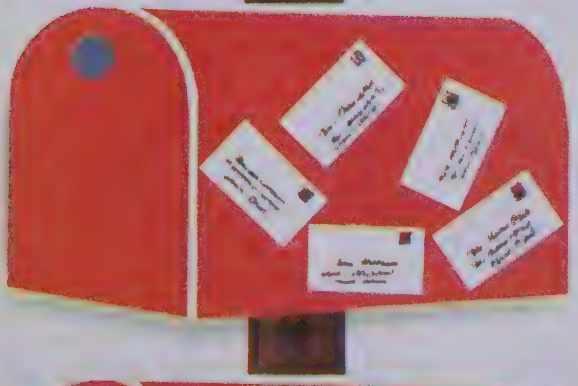
$1 + 3 = \_\_\_\_$ $4 - 3 = \_\_\_\_$

$3 + 1 = \_\_\_\_$ $4 - 1 = \_\_\_\_$



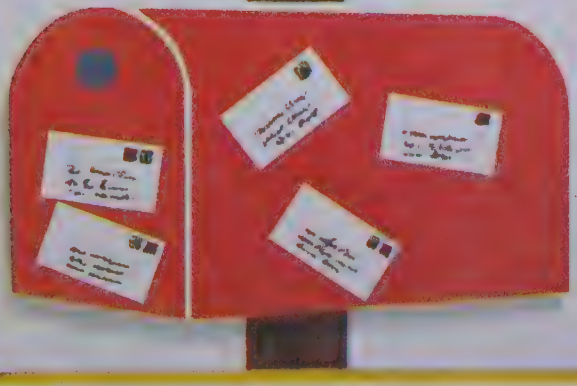
$1 + 4 = \_\_\_\_$ $5 - 4 = \_\_\_\_$

$4 + 1 = \_\_\_\_$ $5 - 1 = \_\_\_\_$



$0 + 5 = \_\_\_\_$ $5 - 5 = \_\_\_\_$

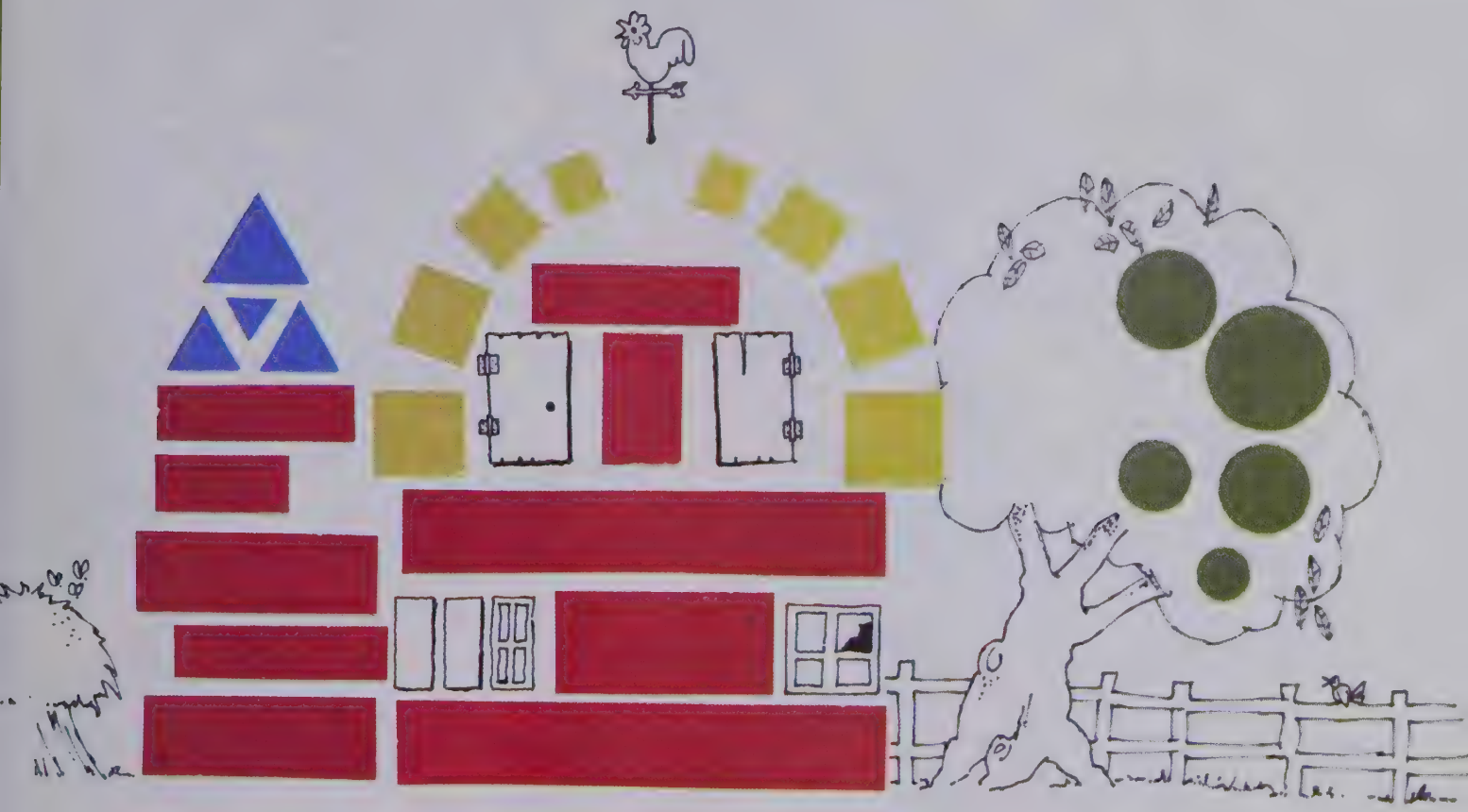
$5 + 0 = \_\_\_\_$ $5 - 0 = \_\_\_\_$



$2 + 3 = \_\_\_\_$ $5 - 3 = \_\_\_\_$

$3 + 2 = \_\_\_\_$ $5 - 2 = \_\_\_\_$

Color.



How many ?

▲ 's										
■ 's										
● 's										
▬ 's										

Color inside a rectangle for each shape.

Complete.

$2 + 4 = \_\_\_\_$

$4 + 2 = \_\_\_\_$

$5 + 1 = \_\_\_\_$

$1 + 5 = \_\_\_\_$

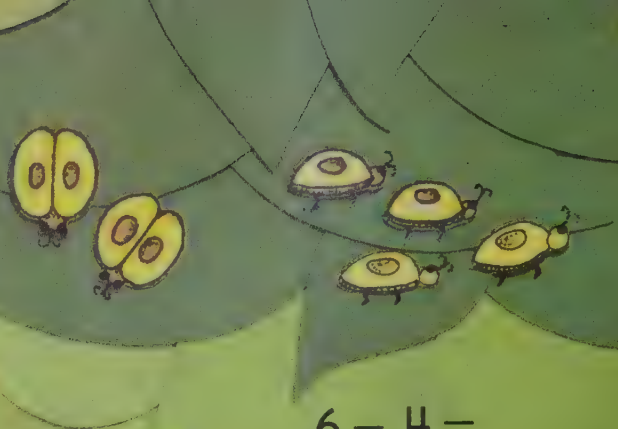
$6 + 0 = \_\_\_\_$

$0 + 6 = \_\_\_\_$

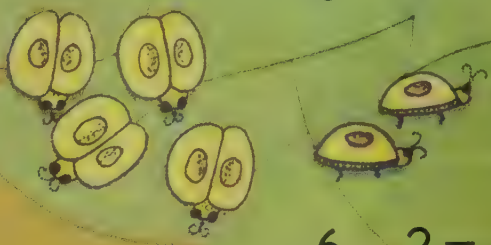
$3 + 3 = \_\_\_\_$

$2 + 3 = \_\_\_\_$

$3 + 2 = \_\_\_\_$



$6 - 4 = \_\_\_\_$



$6 - 2 = \_\_\_\_$

$6 - 1 = \_\_\_\_$

$6 - 5 = \_\_\_\_$

$6 - 0 = \_\_\_\_$

$6 - 6 = \_\_\_\_$

$6 - 3 = \_\_\_\_$

$5 - 3 = \_\_\_\_$

$5 - 2 = \_\_\_\_$

Complete.

$3 + 1 = \_\_\_$ $\quad 4 - 1 = \_\_\_$

$1 + \_\_\_ = \_\_\_$ $\quad \_\_\_ - 3 = \_\_\_$

$2 + 3 = \_\_\_$ $\quad 5 - \_\_\_ = \_\_\_$

$\_\_\_ + \_\_\_ = \_\_\_$ $\quad \_\_\_ - \_\_\_ = \_\_\_$

$1 + 5 = \_\_\_$ $\quad \_\_\_ - 5 = \_\_\_$

$\_\_\_ + \_\_\_ = \_\_\_$ $\quad \_\_\_ - 1 = \_\_\_$

$4 + 1 = \_\_\_$ $\quad \_\_\_ - 1 = \_\_\_$

$\_\_\_ + \_\_\_ = \_\_\_$ $\quad \_\_\_ - 4 = \_\_\_$

$2 + 4 = \_\_\_$ $\quad \_\_\_ - 4 = \_\_\_$

$\_\_\_ + \_\_\_ = \_\_\_$ $\quad \_\_\_ - 2 = \_\_\_$

$1 + 1 = \_\_\_$ $\quad \_\_\_ - 1 = \_\_\_$

$2 + 2 = \_\_\_$ $\quad \_\_\_ - 2 = \_\_\_$

$3 + 3 = \_\_\_$ $\quad \_\_\_ - 3 = \_\_\_$

$$\begin{array}{r} 4 \\ +\,0 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ +\,4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -\,0 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -\,4 \\ \hline \end{array}$$

Complete.

+	1
6	7
7	
8	

+	3
3	
5	
7	

+	6
0	
2	
4	

+	4
1	
6	
5	
3	

+	7
1	
0	
2	
3	

+	5
5	
1	
3	
4	

−	1
1	0
5	
10	

−	8
10	
9	
8	

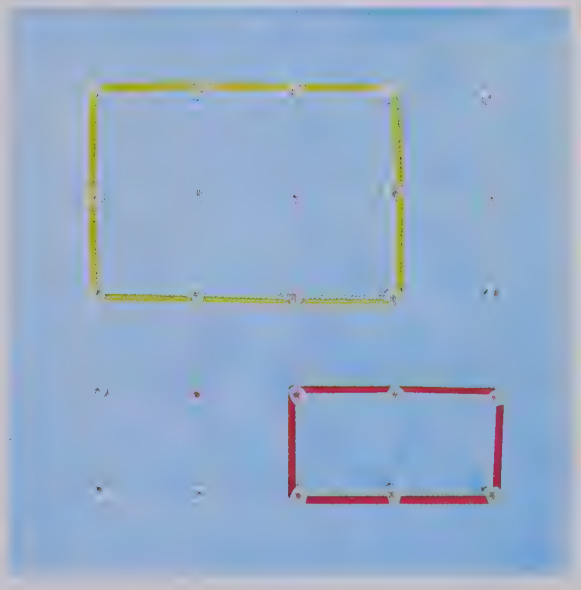
−	4
6	
8	
10	

−	3
10	
4	
8	
7	

−	6
9	
7	
6	
8	

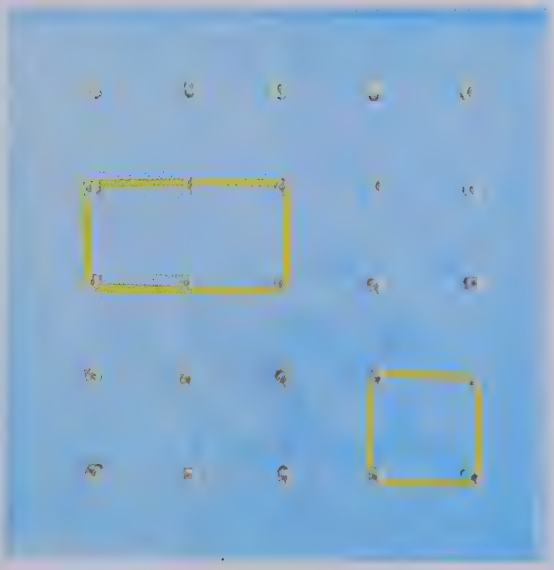
−	2
6	
9	
4	
7	

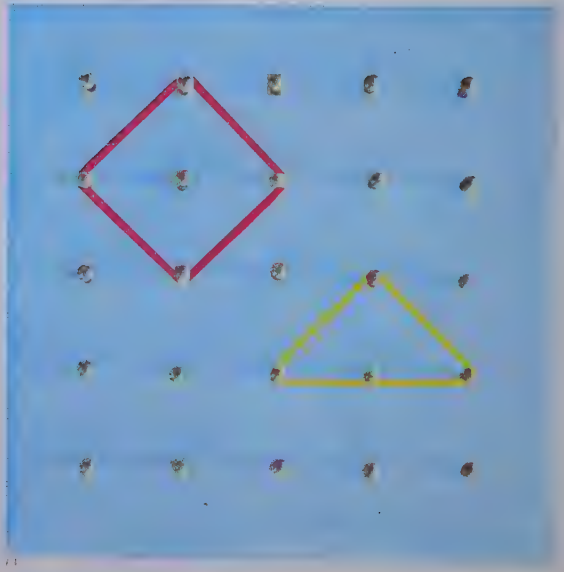
How are the shapes alike ?



Make the shapes on a geoboard or geopaper and discuss how they are alike.

How are the shapes different ?





Make the shapes on a geoboard or geopaper and discuss how they are different.

Write the number sentences.

5  's

Add 4 more  's.

How many  's in all ?

5 + 4 = 9

---

7  's

Add 2 more  's.

How many  's in all ?

---

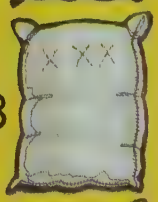
8  's

Sell 3  's.

How many  's are left ?

---

7  's

Sell 3  's.

How many  's are left ?

---

6  's

Add 2 more  's.

How many  's in all ?

---

9  's

Sell 4  's.

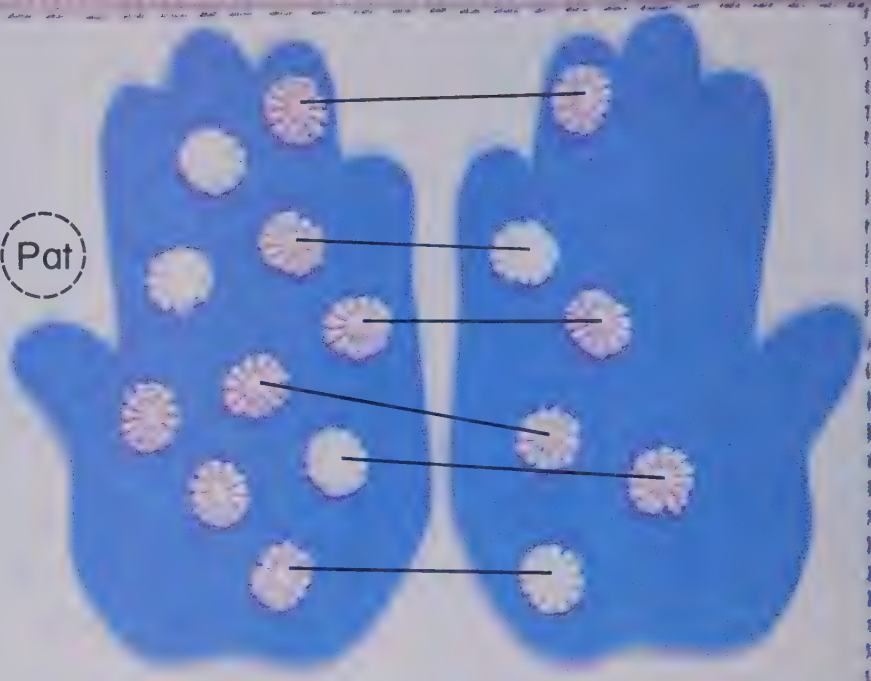
How many  's are left ?

Complete.

Pat has 10.
Bob has 6.
Who has more? Bob (Pat)

10 − 6 = 4

How many more? 4



Pat has 7.
Bob has 4.
Who has more? Bob Pat

How many more? ____

Pat has 2.
Bob has 9.
Who has more? Bob Pat

How many more? ____

Pat has 8.
Bob has 9.
Who has more? Bob Pat

How many more? ____

Bob has 5.
Pat has 10.
Who has more? Bob Pat

How many more? ____

Bob has 9.
Pat has 4.
Who has more? Bob Pat

How many more? ____

Pat has 8.
Bob has 6.
Who has more? Bob Pat

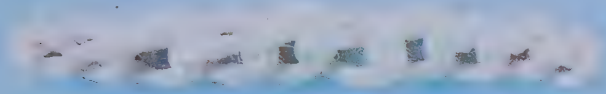
How many more? ____

Play the game.

$8-6$	$3+3$	$4+1$	$10-6$	$2+4$	$10-7$	$3+4$ STOP
$5+2$	$3+6$	$4+4$	$3+5$	$6+2$	$2+7$	$4+0$
$4+5$	$7+1$	$2+3$	$6+0$	$2+8$	$5+4$	$2+6$
$10-2$	$8-2$	$7-3$	$6-4$	$2+5$	$8-1$	$4+6$
$3+7$	$4+2$	$3-0$	$6-3$	$5+5$	$8-4$	$7+2$
$7-5$	$9-2$	$4+3$	$9-5$	$7-6$	$6-2$	$8-3$
$5+3$	$7-4$	$6+3$	$7-2$	$9-6$	$5-1$	$7+3$
$10-4$	$5-2$	$8+2$	$9-3$	$10-5$	$8-5$	$9-7$
$6+1$ GO	$0+8$	$9-4$	$10-3$	$6+4$	$9+1$	$2+2$

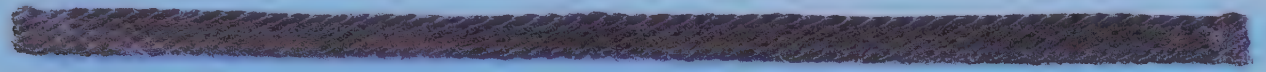
Measure. Use a  .

about ____ clip

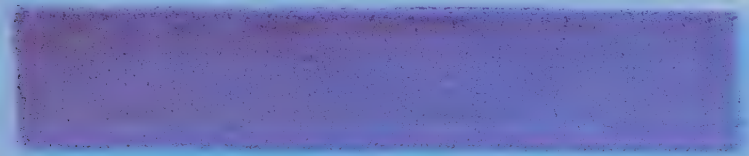


about ____ clips

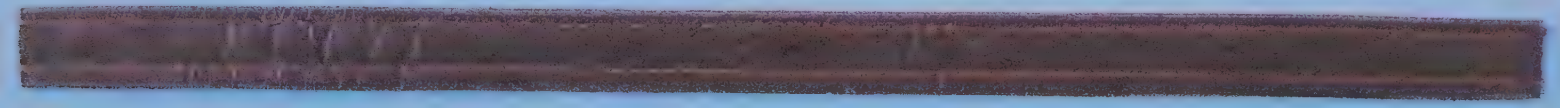
about ____ clips



about ____ clips

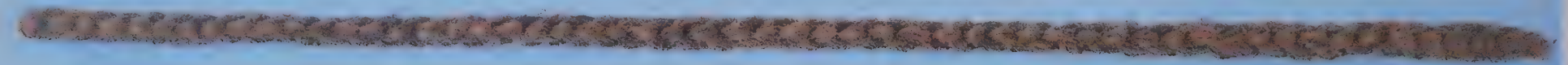


about ____ clips



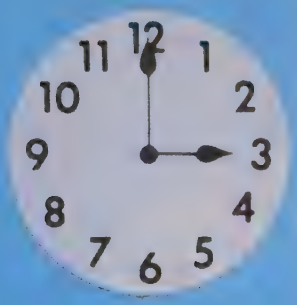
about ____ clips

about ____ clips

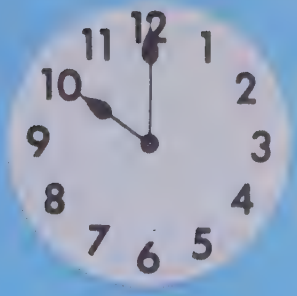


about ____ clips

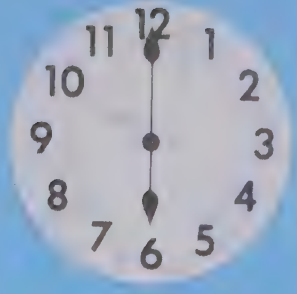
What time is it ?



3 o'clock

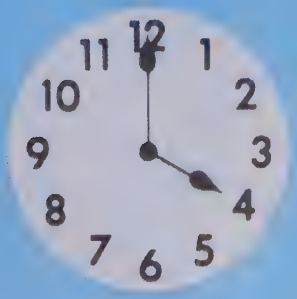


____ o'clock

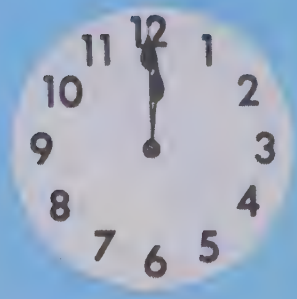


____ o'clock

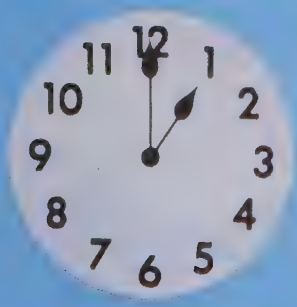
____ o'clock



____ o'clock



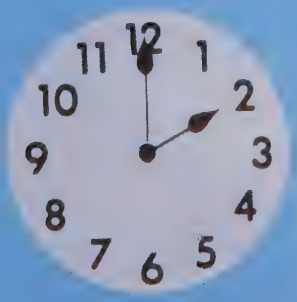
____ o'clock



____ o'clock

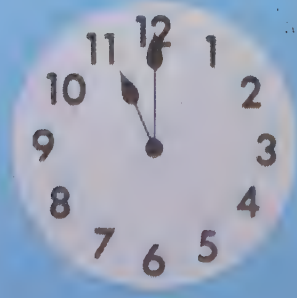
____ o'clock

____ o'clock



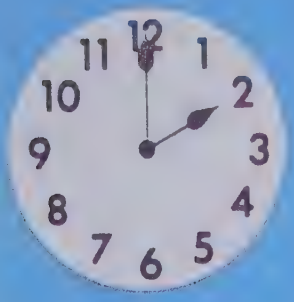
____ o'clock

____ o'clock

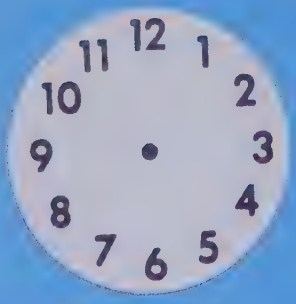


____ o'clock

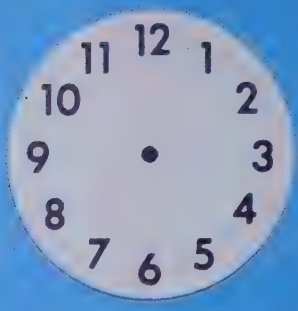
Draw the hands on the clock faces.



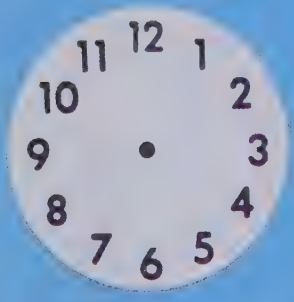
2 o'clock



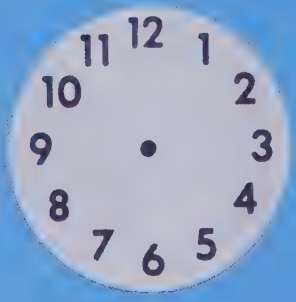
8 o'clock



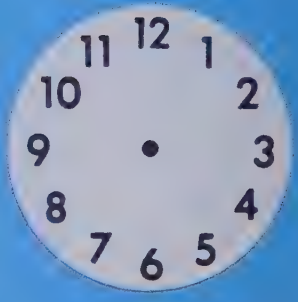
11 o'clock



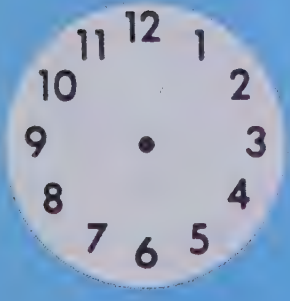
12 o'clock



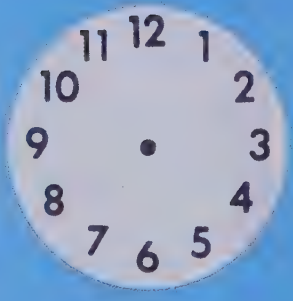
6 o'clock



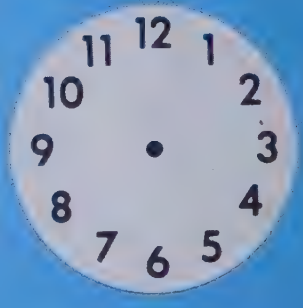
10 o'clock



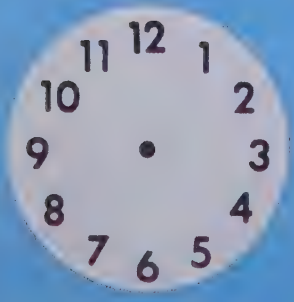
1 o'clock



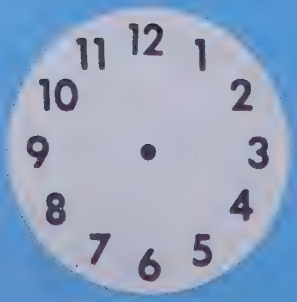
3 o'clock



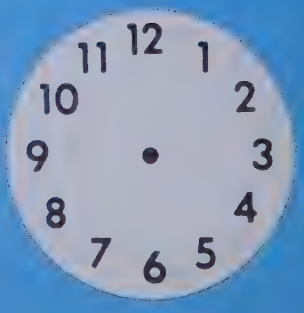
5 o'clock



4 o'clock

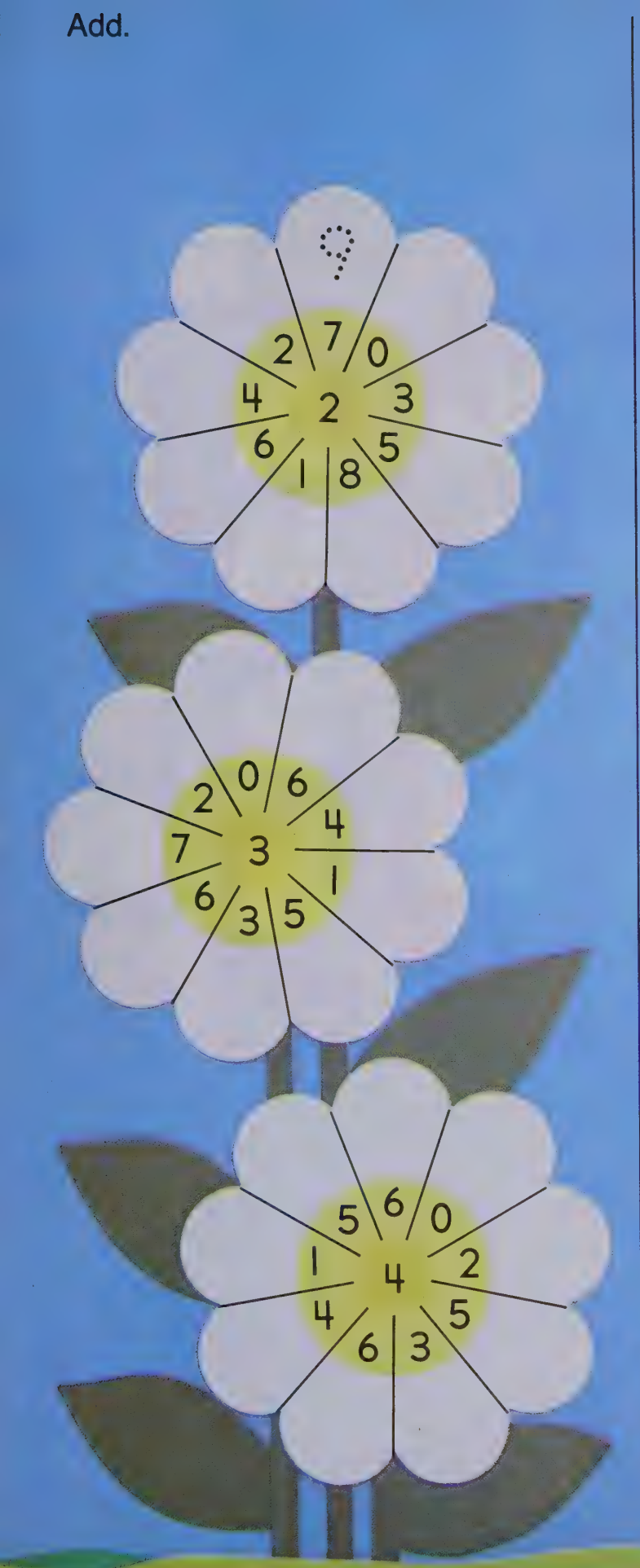


7 o'clock

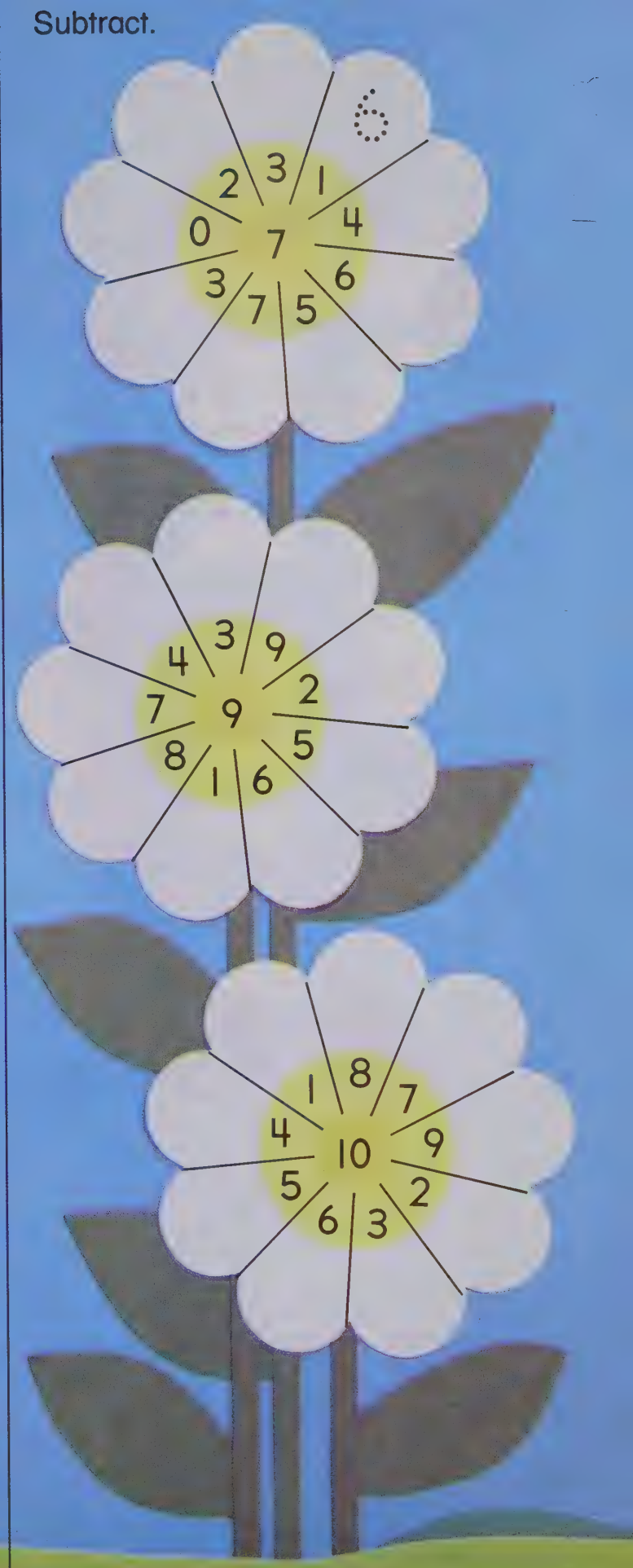


9 o'clock

Add.

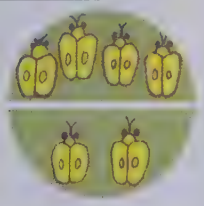


Subtract.



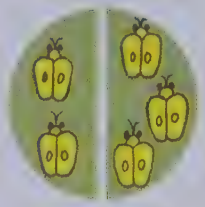
Complete.

5	8	3	7	4
+ 2	− 3	+ 4	− 5	+ 6



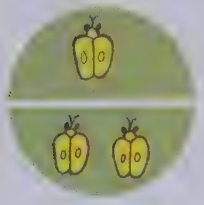
$4 + 2 = \_\_\_\_$

$\_\_\_\_ - 2 = 4$



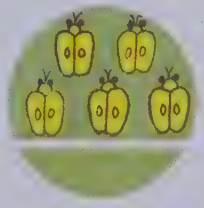
$2 + 3 = \_\_\_\_$

$\_\_\_\_ - 3 = 2$



$1 + 2 = \_\_\_\_$

$\_\_\_\_ - 2 = 1$



$5 + 0 = \_\_\_\_$

$\_\_\_\_ - 0 = 5$

$10 + 5 = \_\_\_\_$

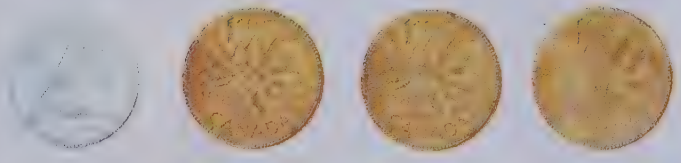
$10 + 9 = \_\_\_\_$

1 ten and 4 is $\_\_\_\_$

$17 = 10 + \_\_\_\_$

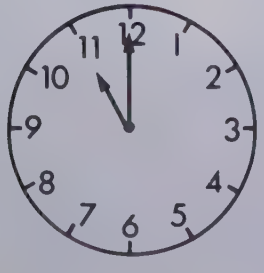
$12 = 10 + \_\_\_\_$

16 is 1 ten and $\_\_\_\_$



is $\_\_\_\_$ ¢

18¢ is  $\_\_\_\_\_$



$\_\_\_\_$ o'clock

$\_\_\_\_$ o'clock

7 o'clock

3 o'clock

A	1 ten	J	2 tens	R	1 ten and 3
B	10 + 2	K	10 + 7	S	3 tens
C	1 ten and 6	L	1 ten and 2	T	1 ten and 8
D	8 tens	M	7 tens	U	10 + 4
E	10 + 5	N	10 + 3	V	6 tens
F	10 + 8	O	1 ten and 7	W	1 ten and 4
G	5 tens	P	1 ten and 5	X	9 tens
H	1 ten and 1	Q	10 + 6	Y	1 ten and 9
I	10 + 1			Z	4 tens

Write the numeral in the correct window.

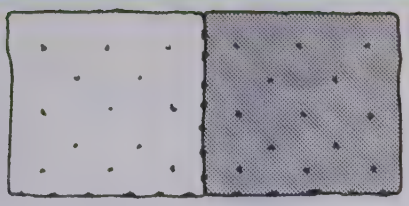
Show + and =.

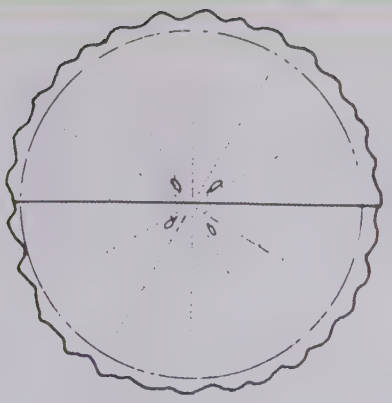
2 + 3 =	5	1	4	2	6	
0	1	4	5	4	4	8
7	3	10	3	4	7	9
5	4	9	3	2	2	4
3	5	1	6	6	3	9
3	0	3	4	6	10	8

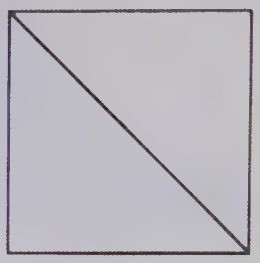
Show − and =.

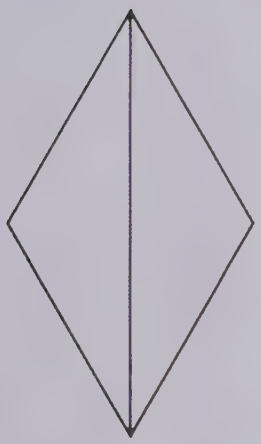
5 − 2 =	3	6	4	2	10	
3	8	7	1	10	5	5
8	3	5	2	7	0	7
6	3	3	8	9	5	4
6	5	5	0	3	1	2
7	2	5	9	6	3	3

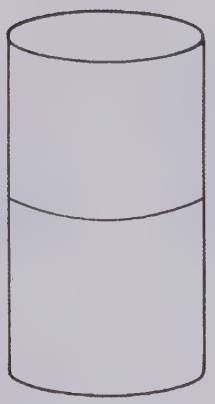
Color one half of each shape.

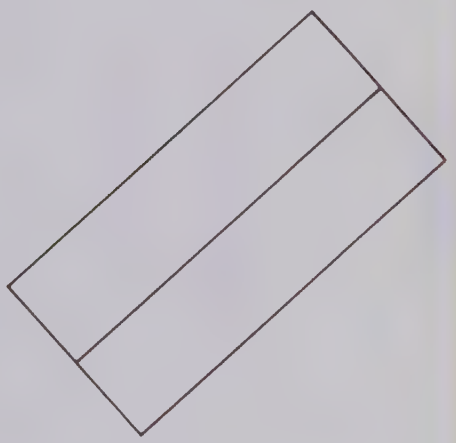




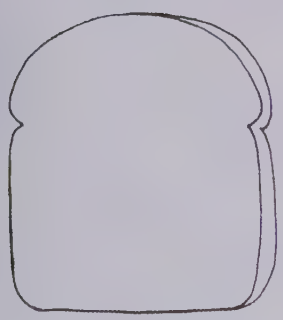


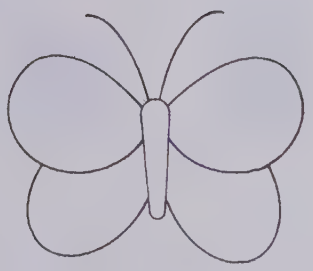


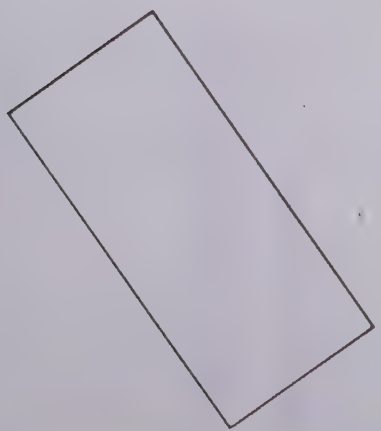


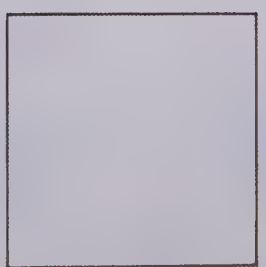


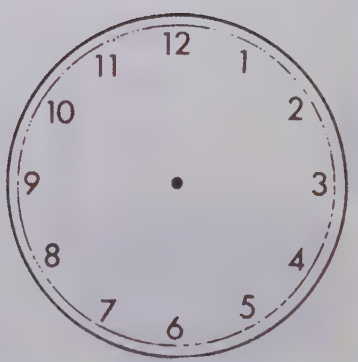
Mark and color one half of each shape.



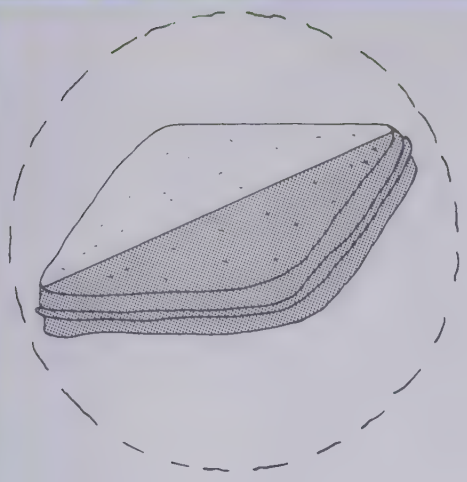


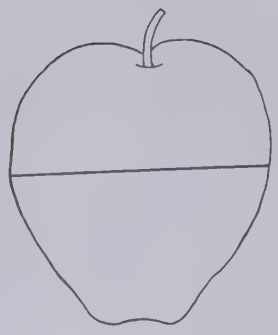


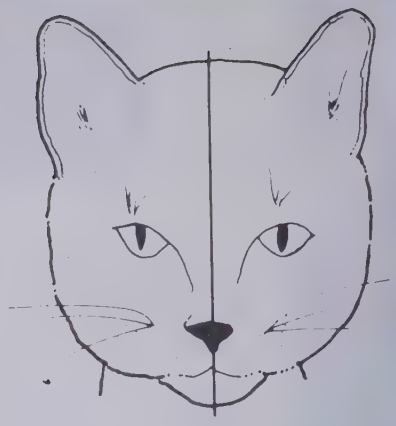


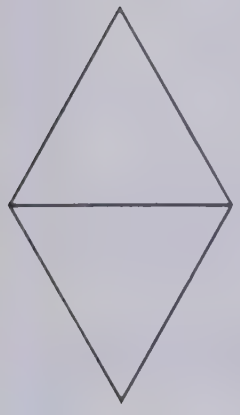


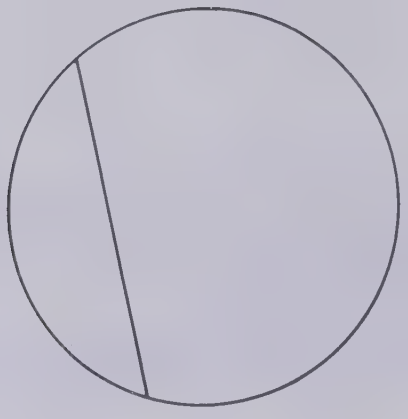
Ring, and color one half.

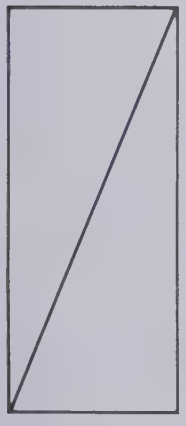


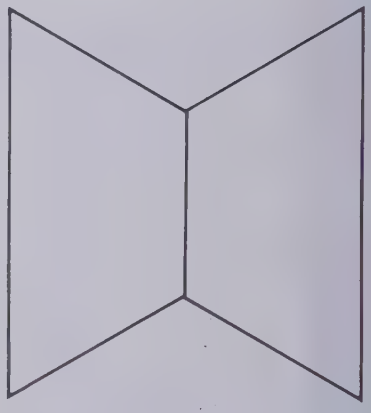


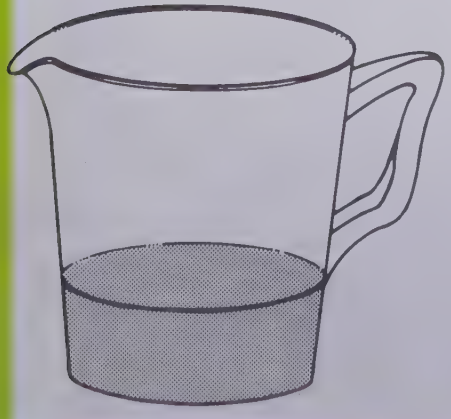


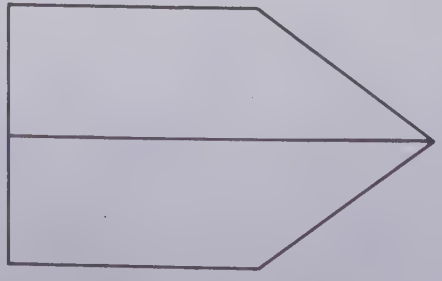


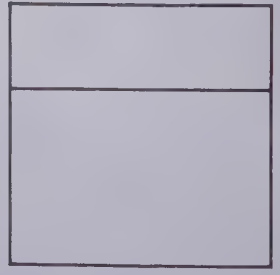






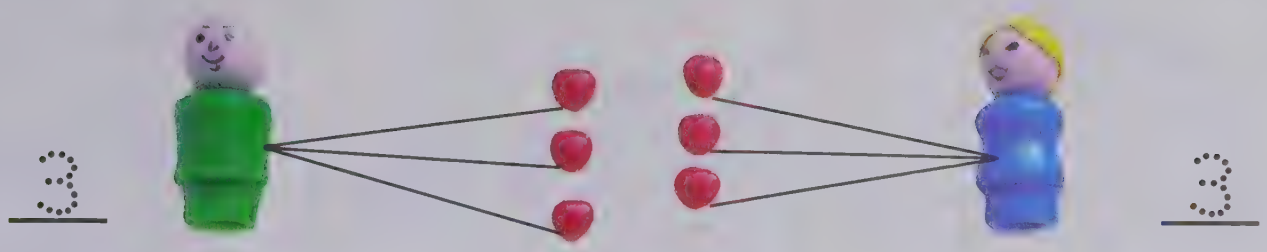




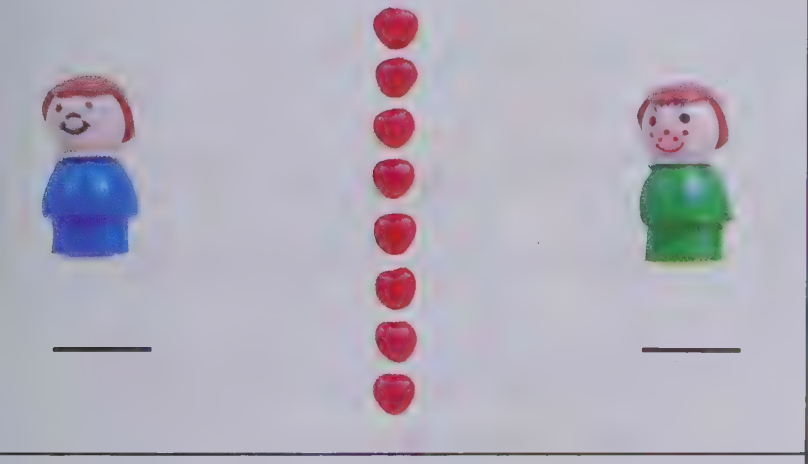


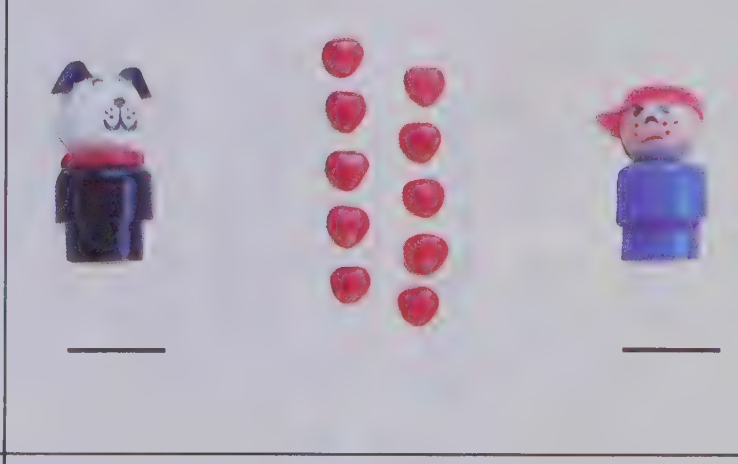
Ring those that show one-half. Color one half.

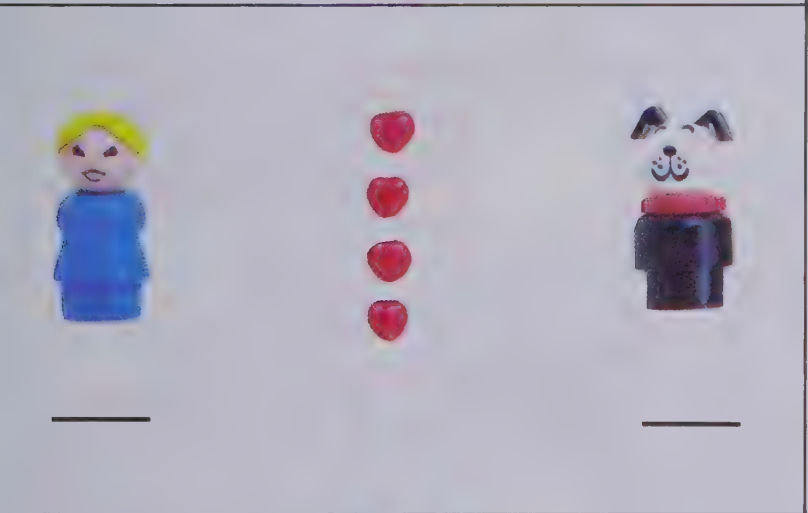
Share.

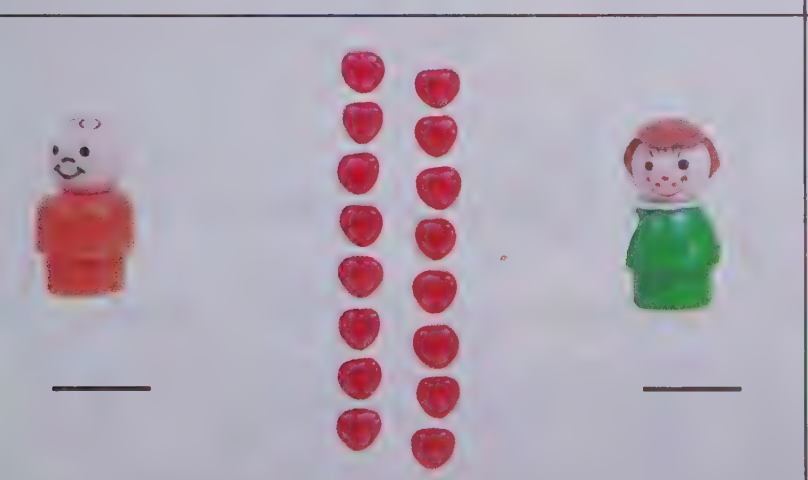


How many does each get ? ____









Share.

6  's for 2 boys

 's for each boy

4  's for 2 girls

 's for each girl

2  's for 2 girls

 for each girl

8  's for 2 boys

 's for each boy

6  's for 2 boys

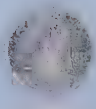
 's for each boy

8  's for 2 girls

 's for each girl

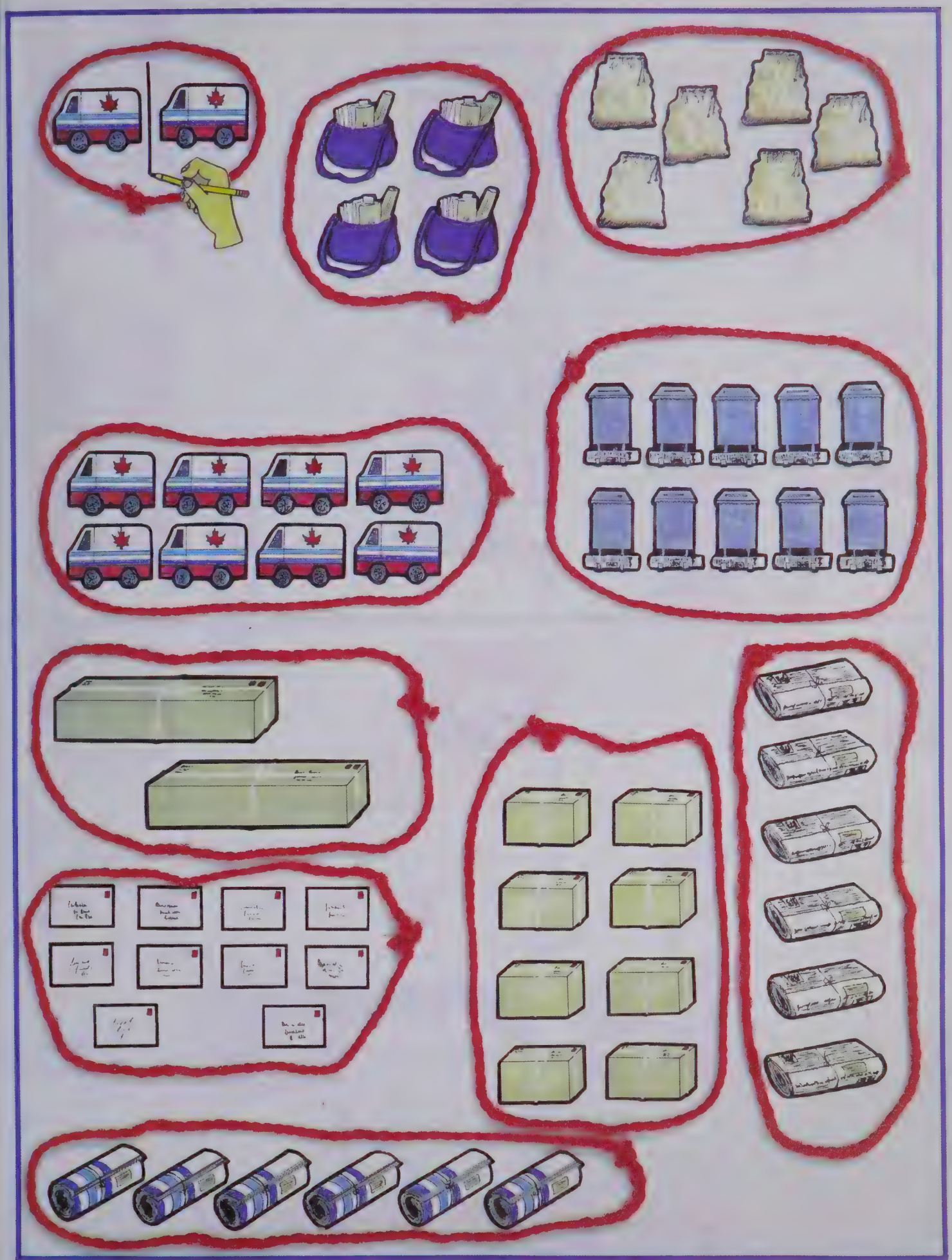
10  's for 2 girls

 's for each girl

12  's for 2 boys

 's for each boy

Show one half of each set.

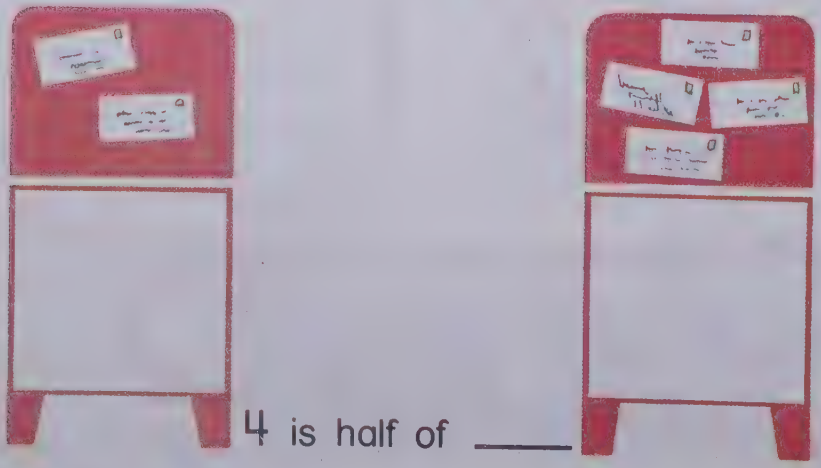


Ring the sets that show one-half.

3 is half of ____

1 is half of ____

5 is half of ____

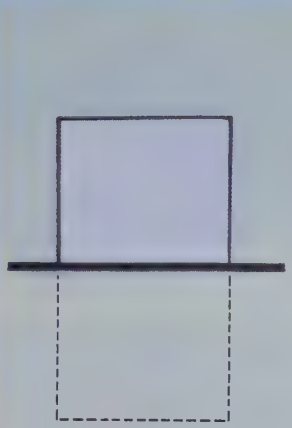


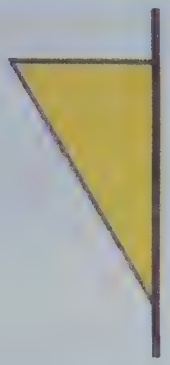
2 is half of ____

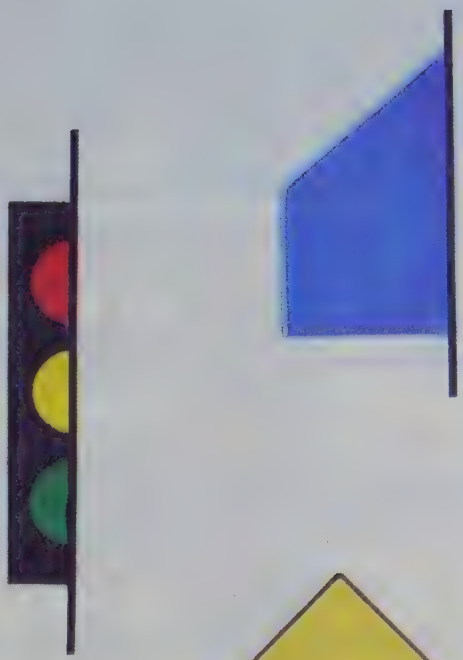
4 is half of ____

Draw the other half of each set and show how many there are.

Draw the other half of each shape.



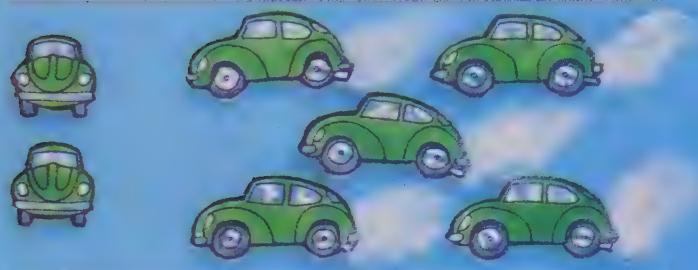




Complete.

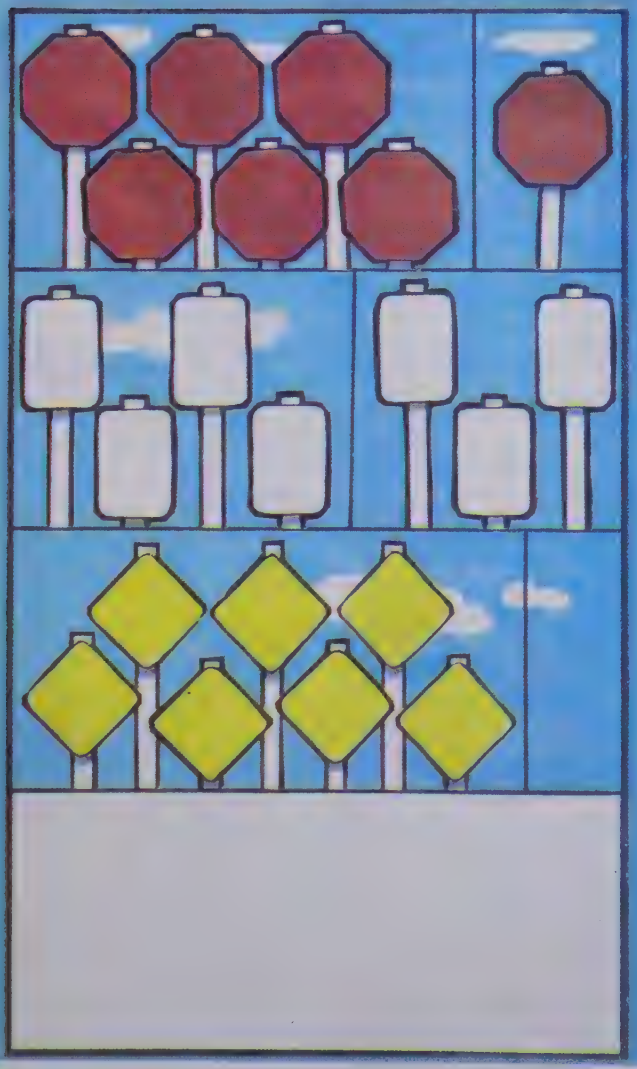
$5 + 2 = \_\_\_\_$

$7 - 2 = \_\_\_\_$



$2 + 5 = \_\_\_\_$

$7 - 5 = \_\_\_\_$



$6 + 1 = \_\_\_\_$ $7 - 1 = \_\_\_\_$

$1 + 6 = \_\_\_\_$ $7 - 6 = \_\_\_\_$

$4 + 3 = \_\_\_\_$ $7 - 3 = \_\_\_\_$

$3 + 4 = \_\_\_\_$ $7 - 4 = \_\_\_\_$

$7 + 0 = \_\_\_\_$ $7 - 0 = \_\_\_\_$

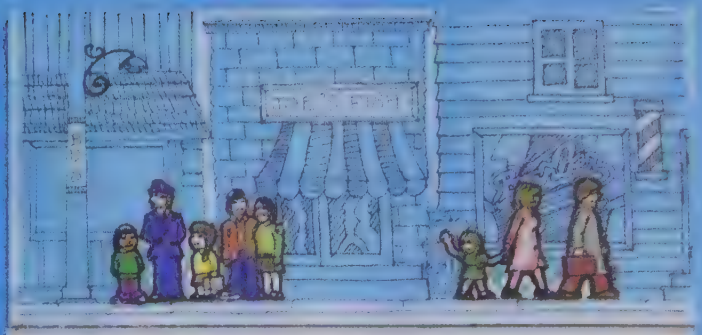
$0 + 7 = \_\_\_\_$ $7 - 7 = \_\_\_\_$

$2 + 5 = \_\_\_\_$ $7 - 5 = \_\_\_\_$

$5 + 2 = \_\_\_\_$ $7 - 2 = \_\_\_\_$

Complete.

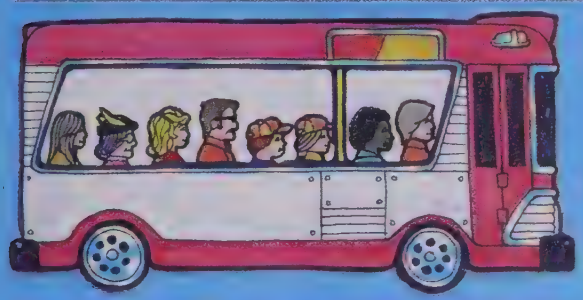
$5 + 3 = \_\_\_\_$



$8 - 3 = \_\_\_\_$

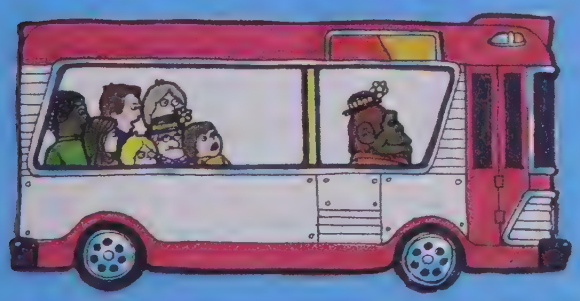
$3 + 5 = \_\_\_\_$

$8 - 5 = \_\_\_\_$



$6 + 2 = \_\_\_\_$ $\quad$ $8 - 2 = \_\_\_\_$

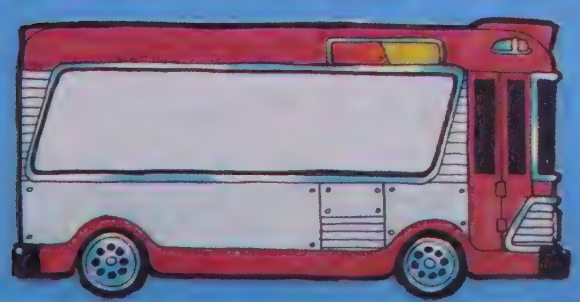
$2 + 6 = \_\_\_\_$ $\quad$ $8 - 6 = \_\_\_\_$



$7 + 1 = \_\_\_\_$ $\quad$ $8 - 1 = \_\_\_\_$

$1 + 7 = \_\_\_\_$ $\quad$ $8 - 7 = \_\_\_\_$

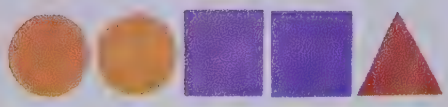
$4 + 4 = \_\_\_\_$ $\quad$ $8 - 4 = \_\_\_\_$



$3 + 5 = \_\_\_\_$ $\quad$ $8 - 5 = \_\_\_\_$

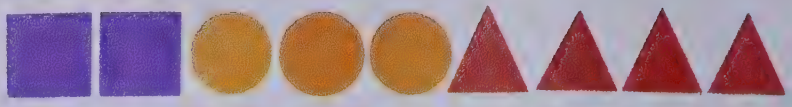
$5 + 3 = \_\_\_\_$ $\quad$ $8 - 3 = \_\_\_\_$

Complete the number sentences.



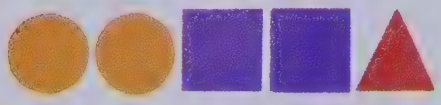
$2 + 2 + 1$

$4 + 1 = \square$



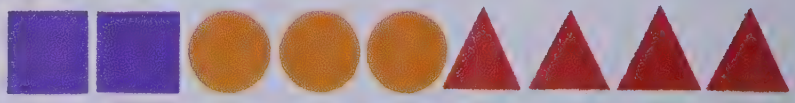
$2 + 3 + 4$

$5 + 4 = \square$



$2 + 2 + 1$

$2 + 3 = \square$



$2 + 3 + 4$

$2 + 7 = \square$

$1 + 4 + 3 = \square$ $\quad 2 + 3 + 3 = \square$

$4 + 4 + 2 = \square$ $\quad 1 + 3 + 5 = \square$

$5 + 4 + 1 = \square$ $\quad 2 + 5 + 3 = \square$

$3 + 5 + 0 = \square$ $\quad 3 + 3 + 2 = \square$

$4 + 3 + 2 = \square$ $\quad 1 + 4 + 2 = \square$

$2 + 7 + 1 = \square$ $\quad 2 + 6 + 0 = \square$

$1 + 6 + 1 = \square$ $\quad 7 + 1 + 2 = \square$

$3 + 4 + 2 = \square$ $\quad 6 + 1 + 3 = \square$

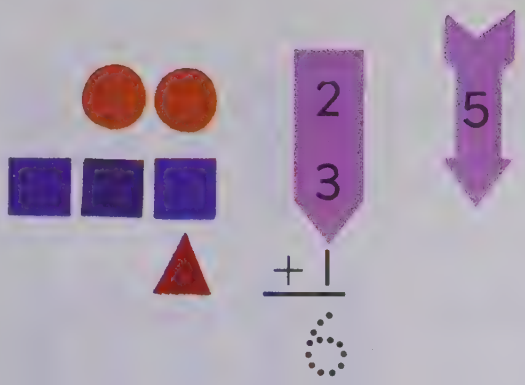
$3 + 1 + 3 = \square$ $\quad 2 + 2 + 3 = \square$

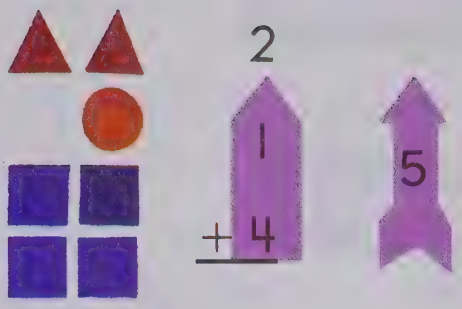
$5 + 2 + 2 = \square$ $\quad 5 + 1 + 3 = \square$

$4 + 3 + 3 = \square$ $\quad 6 + 2 + 2 = \square$

$5 + 2 + 3 = \square$ $\quad 3 + 6 + 1 = \square$

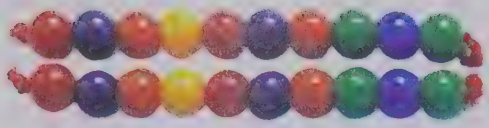
Add.



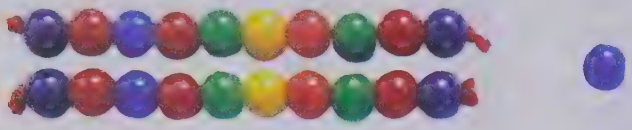


3 1 + 2	1 0 + 4	2 2 + 3	4 2 + 2	5 2 + 3	6 0 + 4
2 3 + 4	1 2 + 5	4 4 + 2	4 3 + 1	6 2 + 2	1 4 + 5
2 5 + 2	3 0 + 6	5 1 + 3	4 1 + 4	2 0 + 5	6 1 + 2
1 3 + 3	5 0 + 4	3 2 + 3	7 0 + 2	5 3 + 1	3 2 + 5
4 2 + 4	7 2 + 1	2 2 + 5	4 1 + 3	3 4 + 3	5 1 + 2

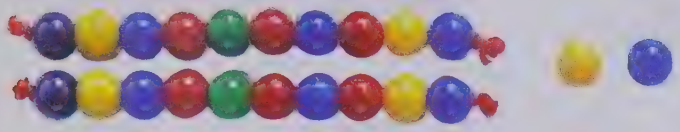
Complete.



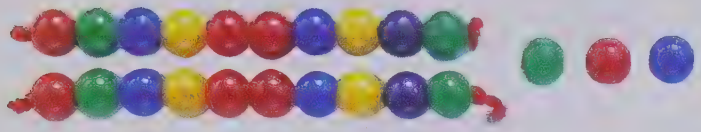
2 tens and 0 ones are 20



2 tens and 1 one are ____



2 tens and 2 ones are ____

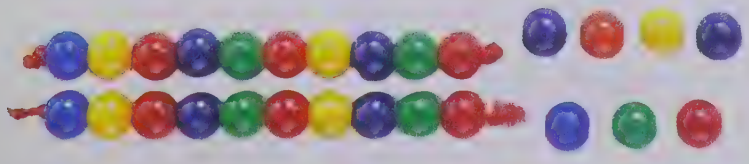


____ tens and ____ ones are 23

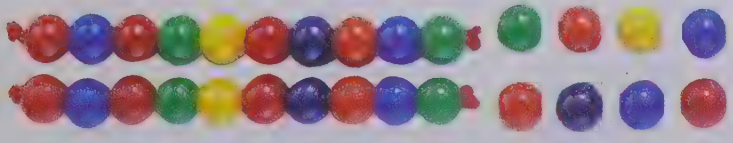
2 tens and 4 ones are 24

____ tens and ____ ones are ____

____ tens and ____ ones are 26



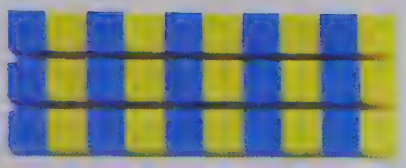
2 tens and 7 ones are ____



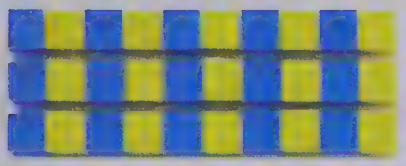
____ tens and ____ ones are 28

____ tens and ____ ones are 29

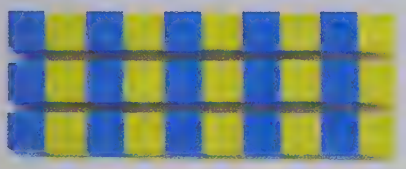
Complete.



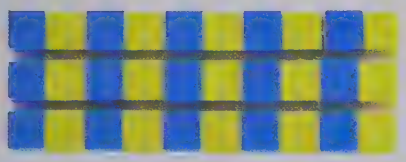
3 tens and 0 ones are 30



3 tens and 1 one are ____



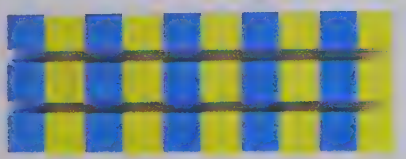
3 tens and 7 ones are ____



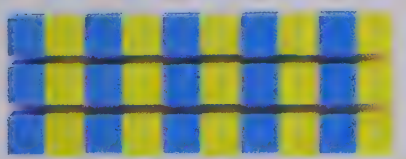
____ tens and ____ ones are 34

3 tens and 9 ones are 39

3 tens and 5 ones are ____

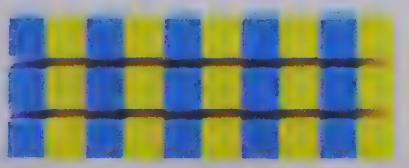


____ tens and ____ ones are ____



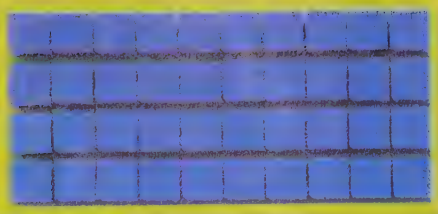
____ tens and ____ ones are ____

3 tens and 3 ones are ____

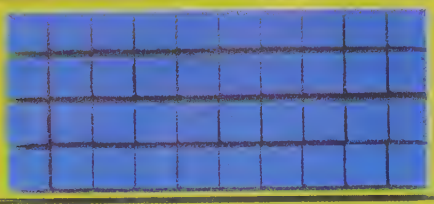


3 tens and ____ ones are ____

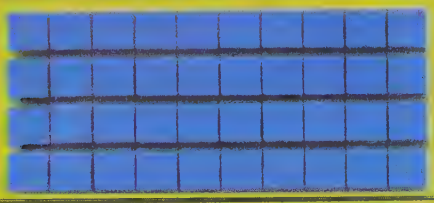
Complete.



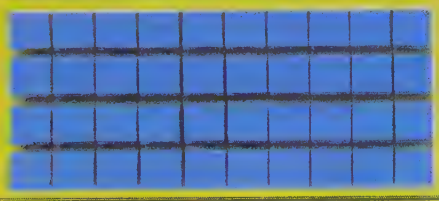
4 tens and 0 ones are 40



4 tens and 2 ones are ____

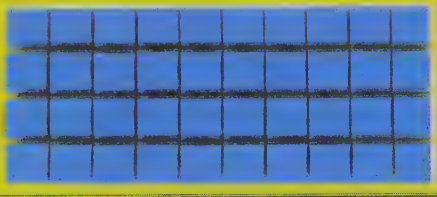


4 tens and 7 ones are ____



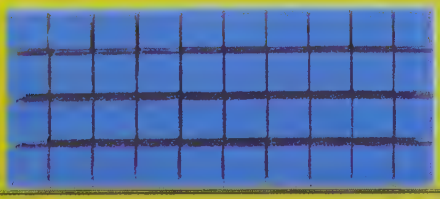
____ tens and ____ ones are 45

4 tens and 3 ones are 43

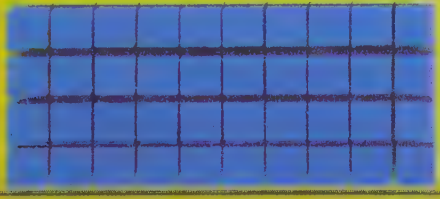


____ tens and ____ ones are 48

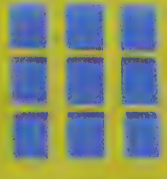
____ tens and ____ one are 41



____ tens and ____ ones are ____



____ tens and ____ ones are ____



4 tens and ____ ones are ____

Complete.

5 tens and 0 ones are 50

3 tens and 9 ones are ____

____ tens and ____ ones are 27

____ tens and ____ ones are 36

____ tens and ____ ones are 45

2 tens and 2 ones are ____

5 tens and 0 ones are ____

4 tens and 4 ones are ____

____ tens and ____ one are 31

____ tens and ____ ones are 29

____ tens and ____ ones are 46

3 tens and 0 ones are ____

____ tens and ____ ones are 28

____ tens and ____ ones are 37

4 tens and 8 ones are ____

2 tens and 3 ones are ____

Show the missing numbers.

1		3	4			7		9	
	12			15			18		
21		23			26				30
	32		34			37			
		43							

Complete the number sentences.

4 + 5 = ____	6 + 4 = ____	3 + 3 = ____
3 + 2 = ____	7 + 2 = ____	4 + 3 = ____
2 + 8 = ____	6 + 0 = ____	1 + 4 = ____
6 + 3 = ____	3 + 7 = ____	5 + 2 = ____
2 + 6 = ____	1 + 3 = ____	4 + 4 = ____
10 − 5 = ____	9 − 1 = ____	7 − 3 = ____
6 − 2 = ____	8 − 5 = ____	4 − 2 = ____
7 − 2 = ____	6 − 3 = ____	7 − 0 = ____
9 − 5 = ____	5 − 2 = ____	6 − 1 = ____
8 − 2 = ____	7 − 6 = ____	9 − 3 = ____

What number comes before ?

____ 33	____ 46	____ 30	____ 10
____ 11	____ 31	____ 49	____ 50
____ 40	____ 20	____ 41	____ 21

What number comes after ?

2 ____	4 ____	21 ____	15 ____
19 ____	29 ____	37 ____	49 ____
40 ____	26 ____	11 ____	17 ____

What number comes between ?

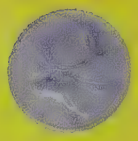
1 ____ 3	17 ____ 19	15 ____ 17	19 ____ 21
23 ____ 25	27 ____ 29	29 ____ 31	35 ____ 37
40 ____ 42	37 ____ 39	48 ____ 50	46 ____ 48

What time is it ?




____ o'clock ____ o'clock ____ o'clock ____ o'clock

Complete.



quarter

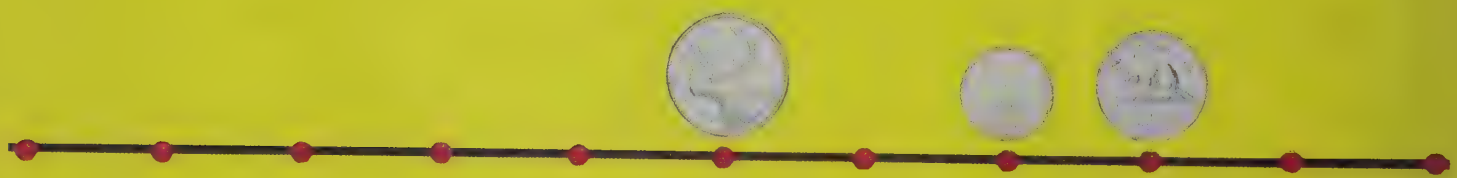
25 cents 25¢

0 5 10 15 20 25 30 35 40 45 50

10 20 ____ ____ ____

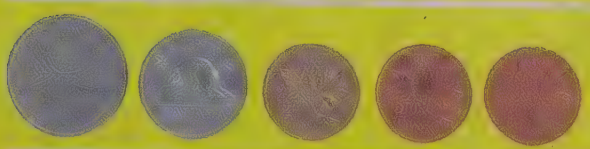
0 5 10 15 ____ 25 ____ ____ ____ ____ 50

0 5 ____ 15 ____ ____ ____ ____ 40 45 50



0 5 10 15 20 ____ 30 ____ ____ 45 50

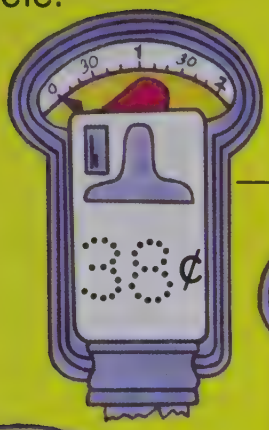
25 30 ____ ____

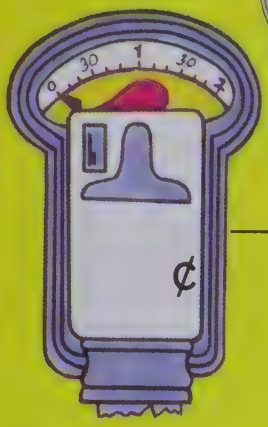


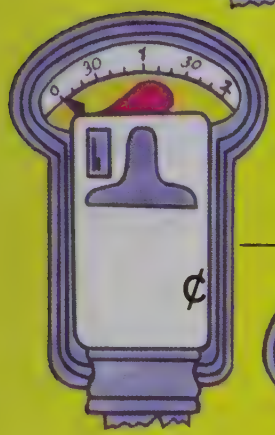
____ ____ ____ ____ ____

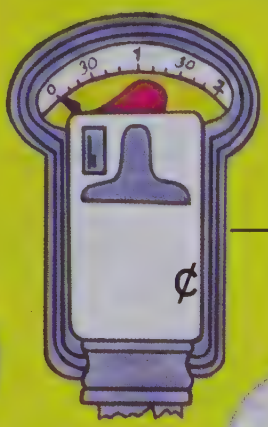
____ ____ ____ ____ ____

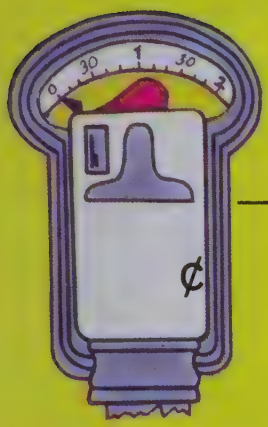
Complete.

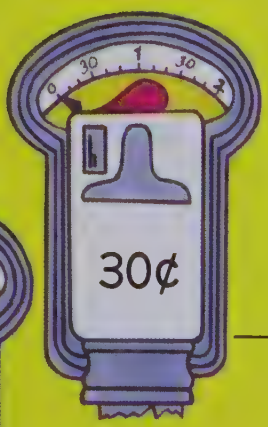


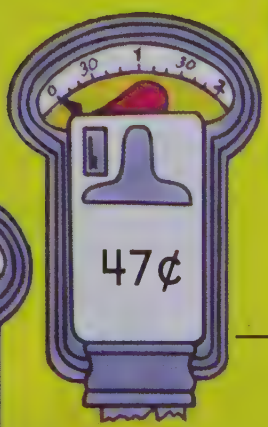


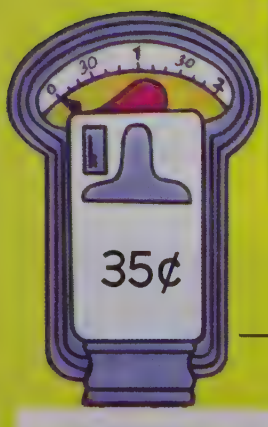








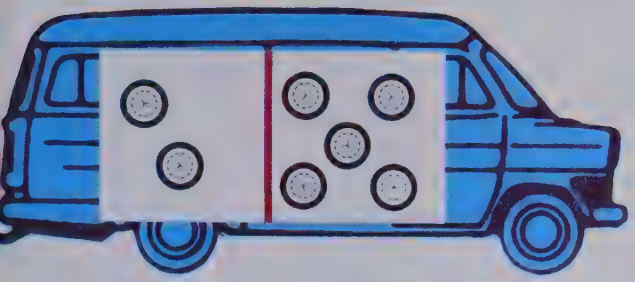




Draw.

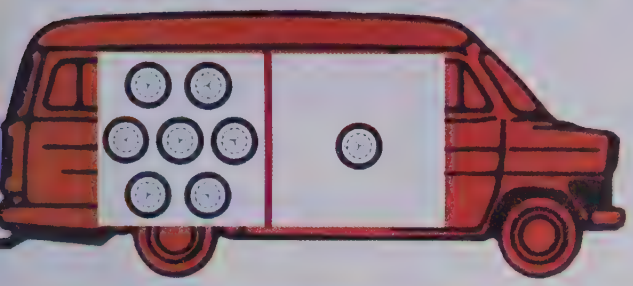
Make each shape look like some familiar object.

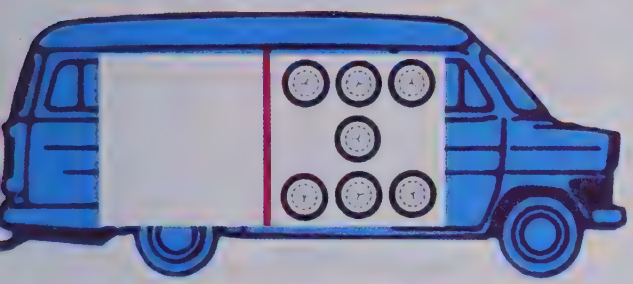
Write the related facts.

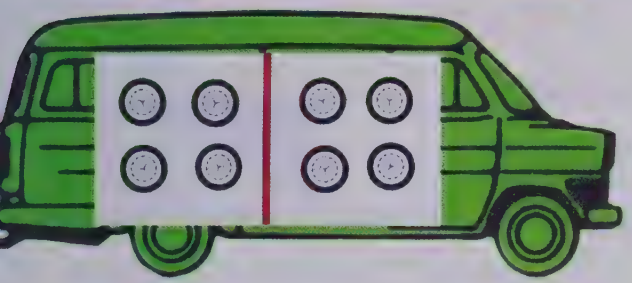


$2 + 5 = 7$

$7 - 5 = 2$







Add.

$1 + 2 + 1 =$ ____ $2 + 1 + 2 =$ ____ $2 + 2 + 3 =$ ____

$4 + 0 + 2 =$ ____ $3 + 2 + 1 =$ ____ $0 + 5 + 4 =$ ____

6	4	5	3	1	2
2	3	0	2	1	4
+1	+3	+5	+4	+8	+3

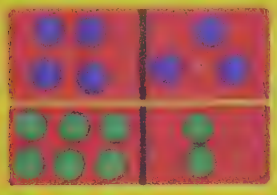
1	2	3	1	1	1
1	2	3	3	5	7
+1	+2	+3	+1	+1	+1

Add. $4+2+3=$ ____ $3+4+3=$ ____ $6+2+1=$ ____

$5+4+0=$ ____ $5+1+2=$ ____ $3+2+3=$ ____

3	6	4	1	2
2	2	3	3	4
+5	+2	+1	+3	+2

Write the related facts.



$4+3=7$ _____ _____ _____

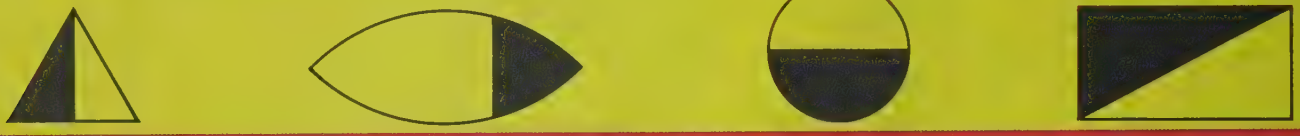
$6+2=8$ _____ _____ _____

What number ?

2 tens 3 ones ____ 35 ____ tens ____ ones

4 tens 7 ones ____ 26 ____ tens ____ ones

Ring the shapes that show one-half.



Ring one half of each set.

How much ?

____ ¢

____ ¢

Jump by twos.

What number is 2 greater than each ?

6 ___ 11 ___ 17 ___ 21 ___

26 ___ 28 ___ 32 ___ 33 ___

37 ___ 40 ___ 47 ___ 48 ___

Complete.

2 4 6 ___ 10 ___ 14 ___ ___ ___

1 3 5 ___ ___ 11 ___ ___ ___ ___

20 22 24 ___ ___ ___ 32 ___ ___

31 33 35 ___ ___ ___ ___ ___ ___

Complete.

$2 + 2 = 4$

2 sets of 2 are ____

$2 + 2 + 2 + 2 + 2 =$ ____

5 sets of 2 are ____

$2 + 2 + 2 + 2 =$ ____

4 sets of 2 are ____

$2 + 2 + 2 + 2 + 2 + 2 =$ ____

6 sets of 2 are ____

$2 + 2 + 2 =$ ____

3 sets of 2 are ____

$2 + 2 + 2 + 2 + 2 + 2 + 2 =$ ____

7 sets of 2 are ____

$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =$ ____

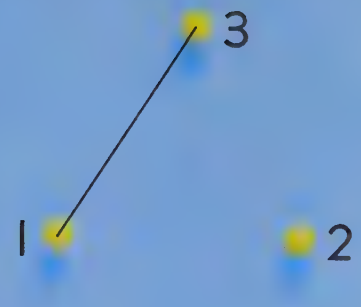
8 sets of 2 are ____

$2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 =$ ____

9 sets of 2 are ____

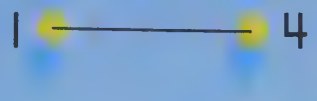
Join the dots. Ring the correct name.

circle line segment



triangle rectangle square

triangle rectangle square



triangle rectangle square

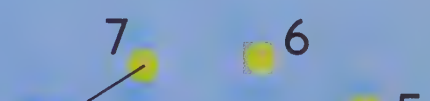
____ sides ____ corners

____ sides ____ corners

____ sides ____ corners

____ sides ____ corners

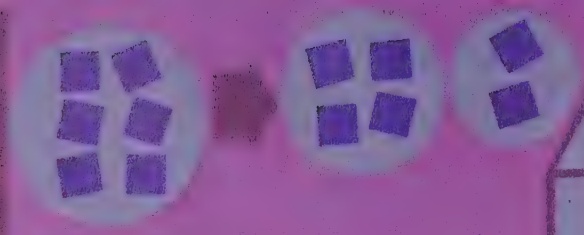
____ sides ____ corners



____ sides ____ corners

Complete the shapes by joining the dots in order.
Show the number of sides and the number of corners.

$2 + 3 = 5$



$6 = 4 + 2$

Complete.

$5 + 2 =$ ____	____ $= 7 + 2$
$3 + 4 =$ ____	____ $= 2 + 6$
$8 + 2 =$ ____	____ $= 4 + 4$
$7 + 1 =$ ____	____ $= 6 + 1$
$3 + 3 =$ ____	____ $= 7 + 0$
$7 + 3 =$ ____	____ $= 1 + 2$
$5 + 0 =$ ____	____ $= 4 + 6$
$6 - 5 =$ ____	____ $= 9 - 3$
$7 - 7 =$ ____	____ $= 10 - 2$
$4 - 1 =$ ____	____ $= 5 - 4$
$5 - 3 =$ ____	____ $= 8 - 5$
$8 - 4 =$ ____	____ $= 7 - 1$
$3 - 0 =$ ____	____ $= 9 - 9$
$9 - 4 =$ ____	____ $= 10 - 5$

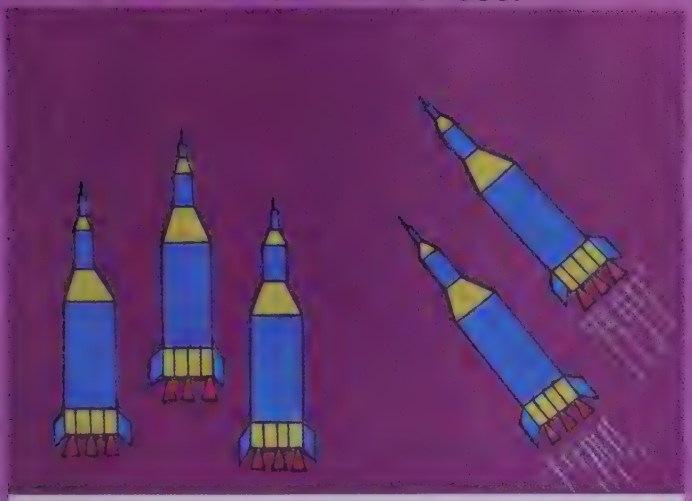
Add.

$3 + 1$	$2 + 8$
$4 + 5$	$3 + 6$
$7 + 2$	$5 + 3$

Subtract.

$6 - 2$	$7 - 4$
$10 - 4$	$9 - 2$
$8 - 6$	$10 - 6$

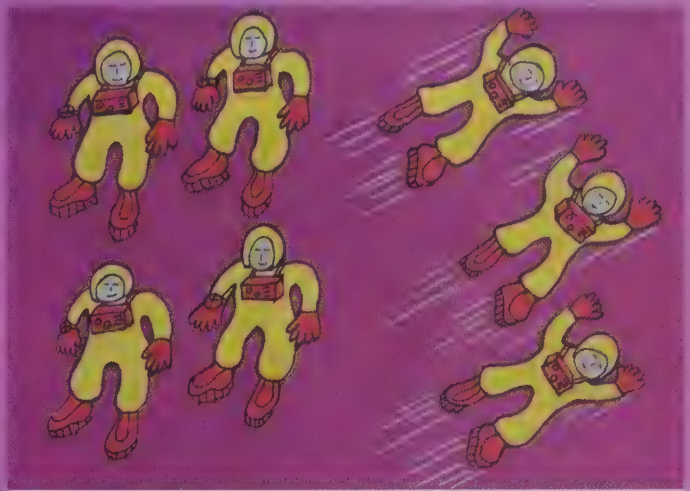
Write the number sentences.



_____

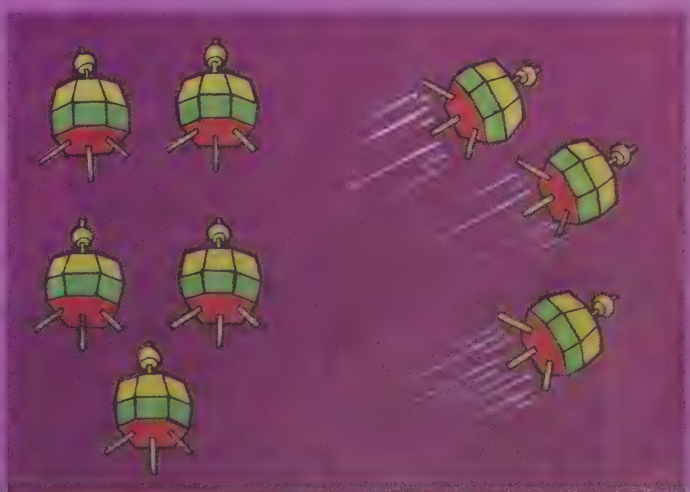
_____

_____



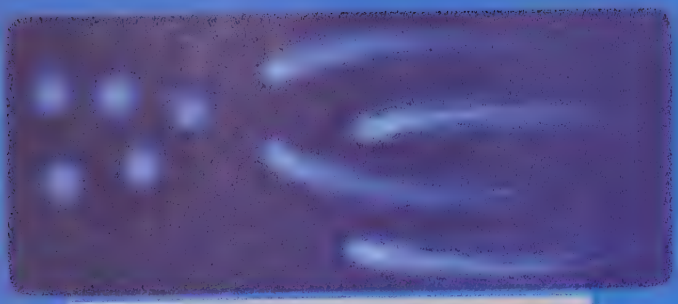
_____

_____

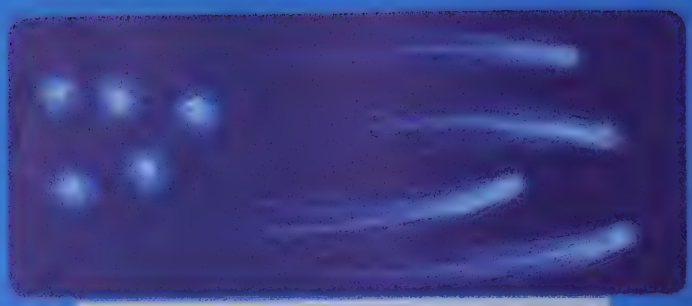


_____

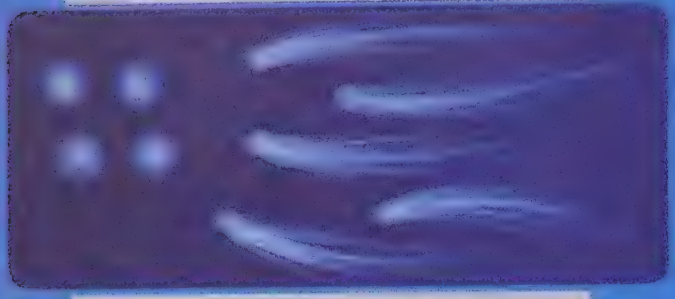
Complete.



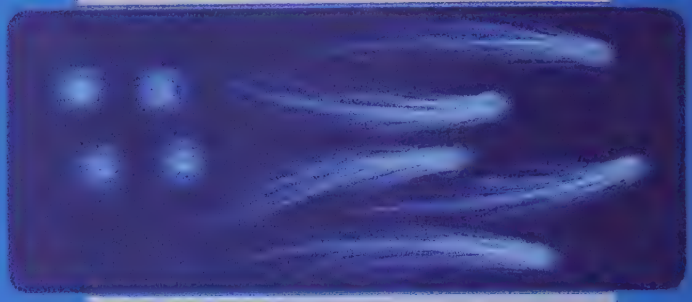
$5 + 4 = \_\_\_\_$



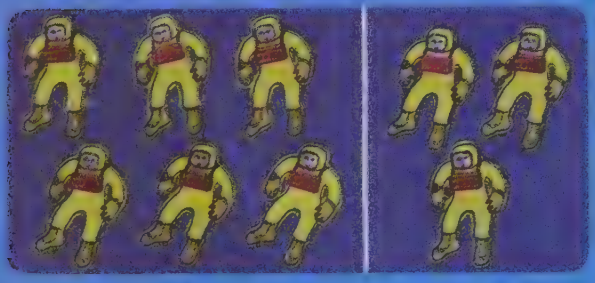
$9 - 4 = \_\_\_\_$



$4 + 5 = \_\_\_\_$

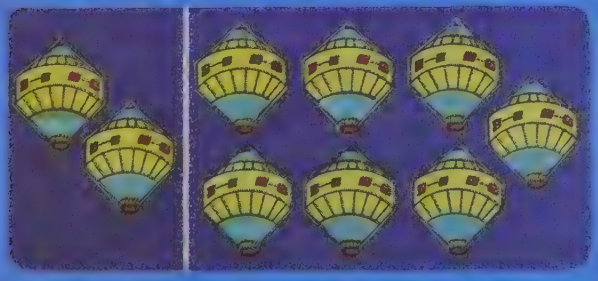


$9 - 5 = \_\_\_\_$

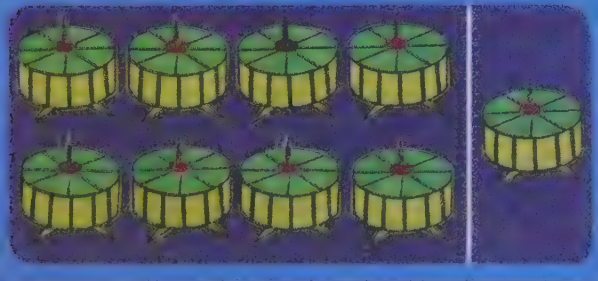


$6 + 3 = \_\_\_\_$ $9 - 3 = \_\_\_\_$

$3 + 6 = \_\_\_\_$ $9 - 6 = \_\_\_\_$

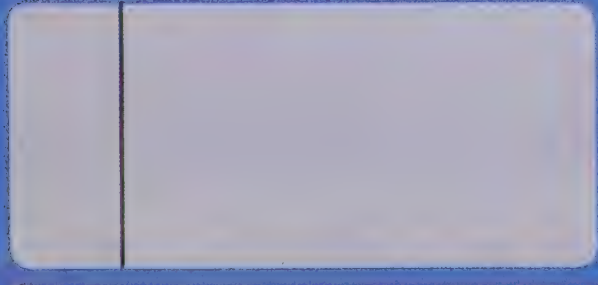


$2 + 7 = \_\_\_\_$ $9 - 7 = \_\_\_\_$



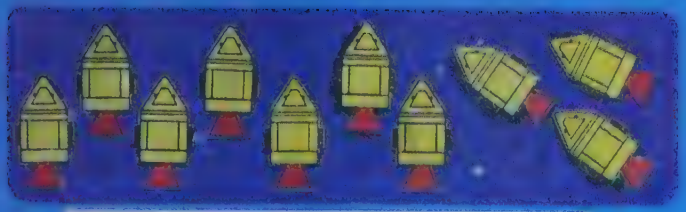
$8 + 1 = \_\_\_\_$

$1 + 8 = \_\_\_\_$

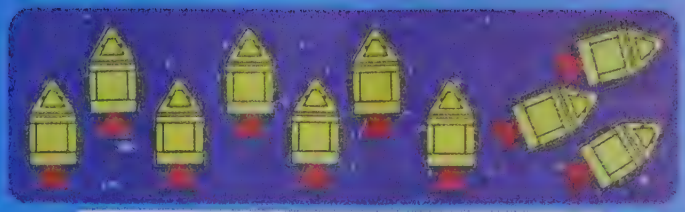


$0 + 9 = \_\_\_\_$

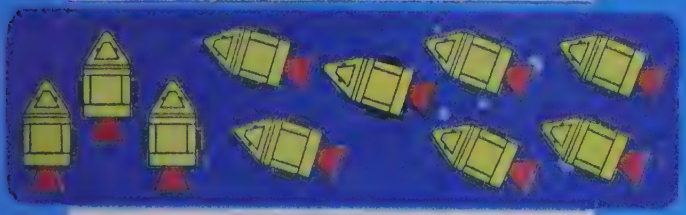
Complete.



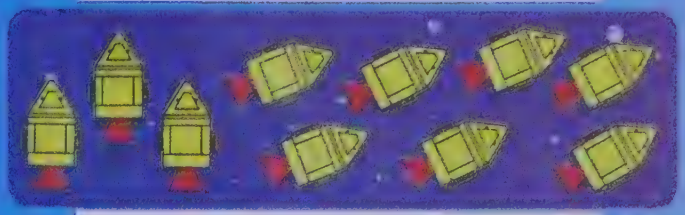
$7 + 3 =$ ____



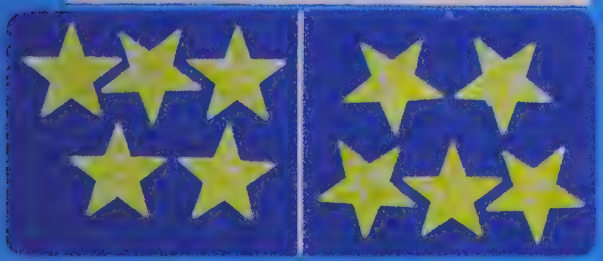
$10 - 3 =$ ____



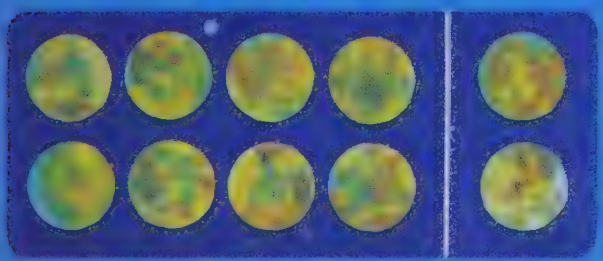
$3 + 7 =$ ____



$10 - 7 =$ ____

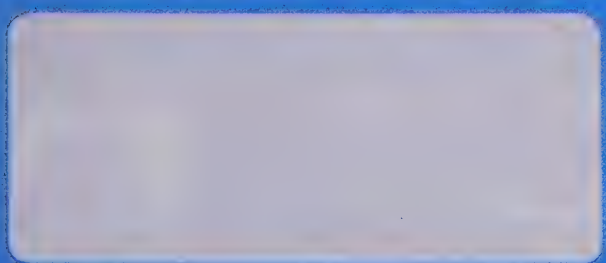


$5 + 5 =$ ____ $10 - 5 =$ ____

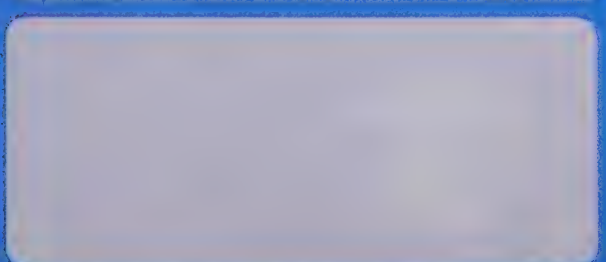


$8 + 2 =$ ____ $10 - 2 =$ ____

$10 + 0 =$ ____

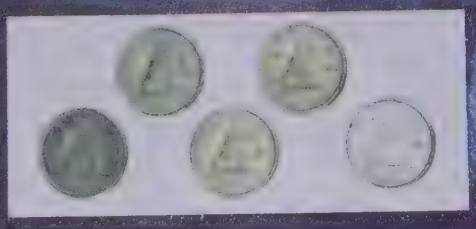


$9 + 1 =$ ____



$4 + 6 =$ ____

How much ?



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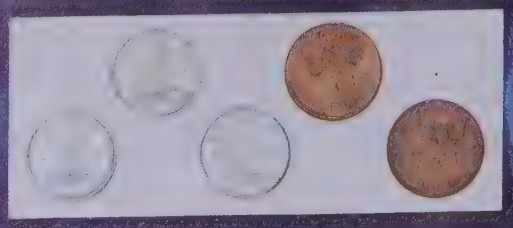

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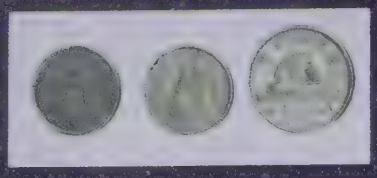

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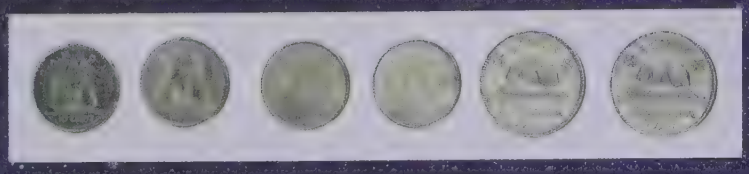

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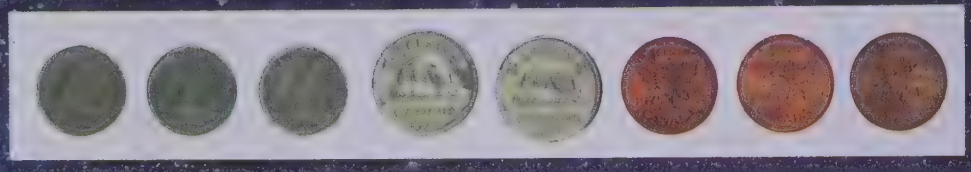

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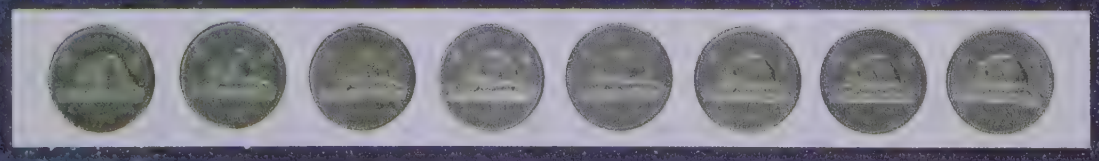

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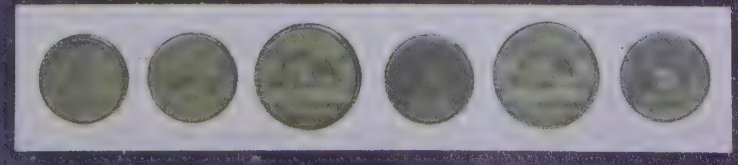
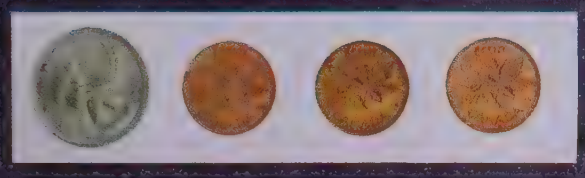


¢

Use a √ to show the sets of coins having the same value.

How much ?

¢



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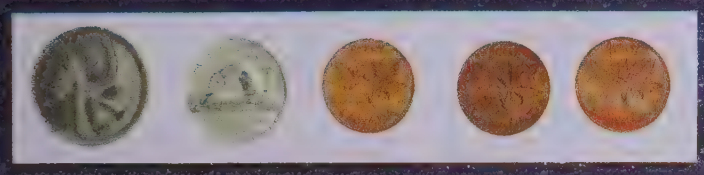

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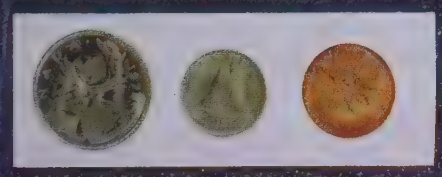

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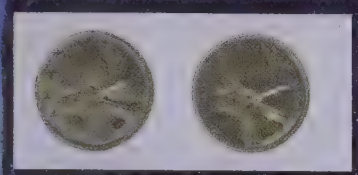

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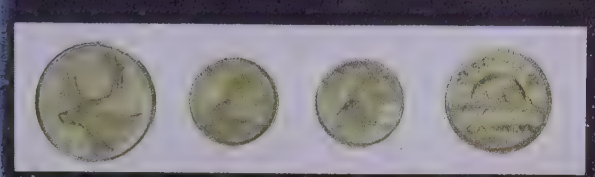


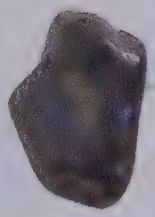
¢

Use a ✓ to show the sets of coins having the same value.

Ring the coins you need.

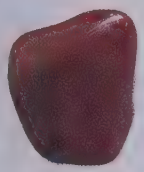
Ring the coins needed to buy each rock.

Draw the coins you need.

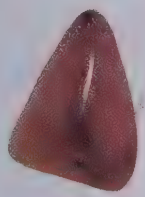


15¢

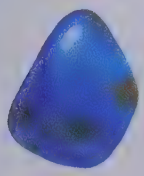
10¢ 5¢



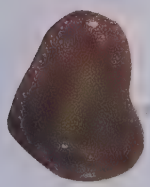
12¢



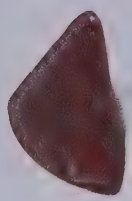
27¢



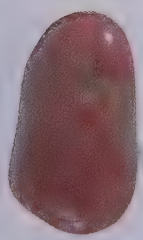
19¢



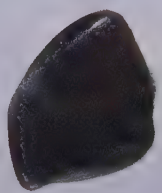
39¢



46¢



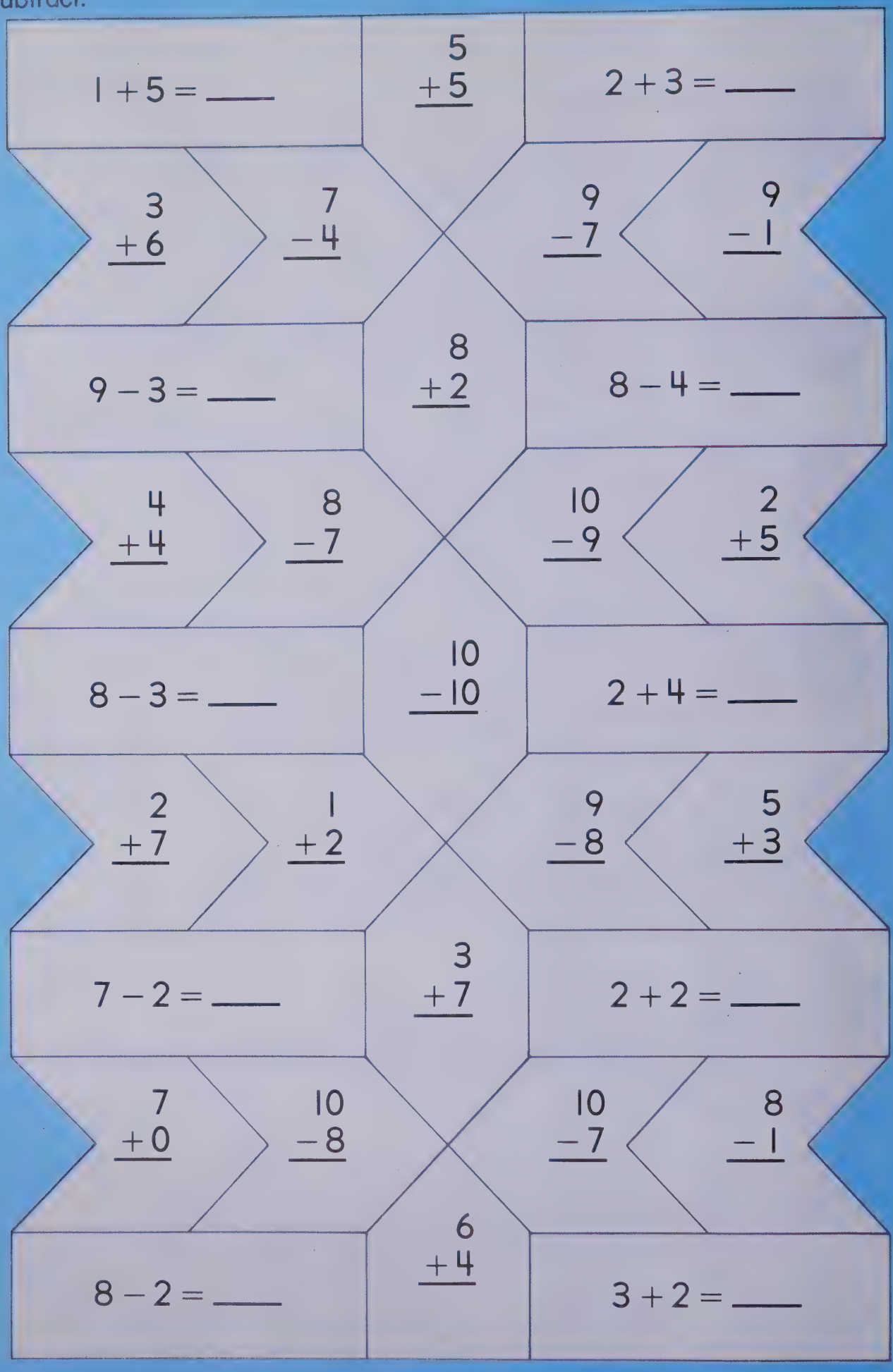
49¢



50¢

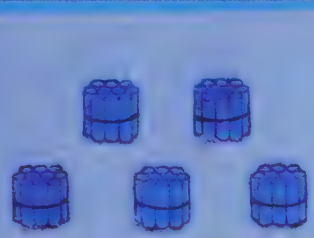
Show the coins needed to buy each rock.

Add or subtract.



Complete.

5 tens 1 one

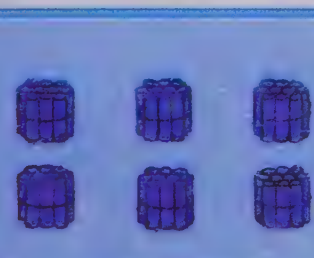


5 tens 4 ones

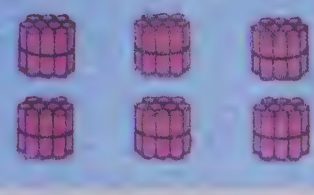
____ tens ____ ones

59

6 tens 0 ones



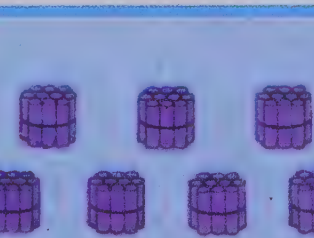
____ tens ____ ones



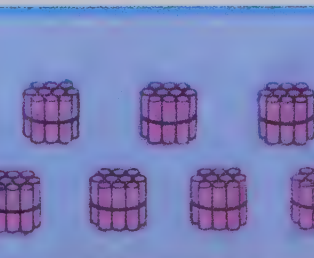
____ tens ____ ones

____ tens ____ ones

7 tens 0 ones

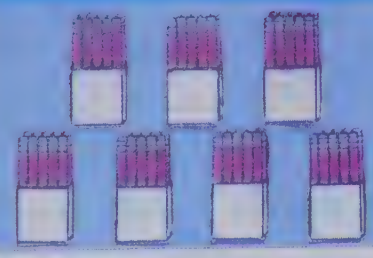


____ tens ____ ones



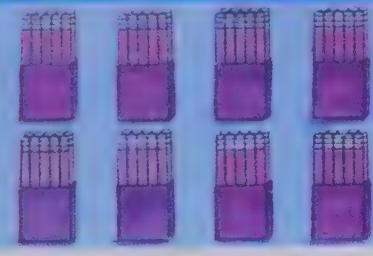
____ tens ____ ones

Complete.

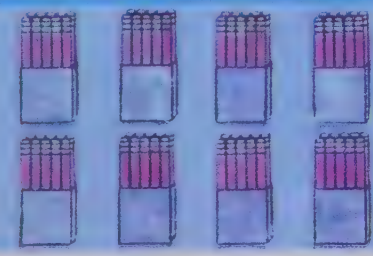


____ tens ____ ones

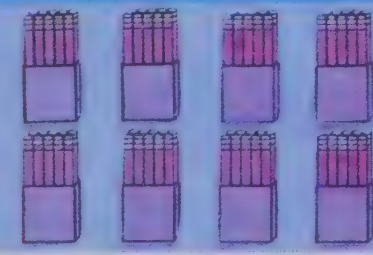
76



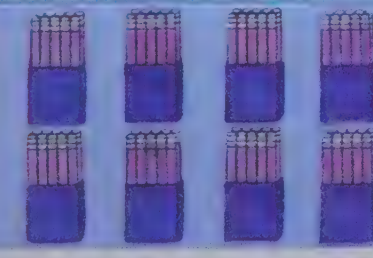
8 tens 0 ones



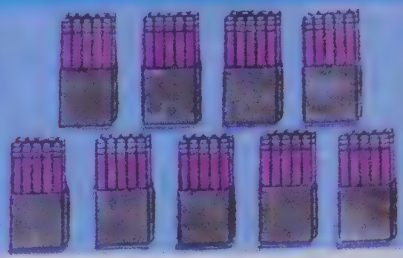
____ tens ____ ones



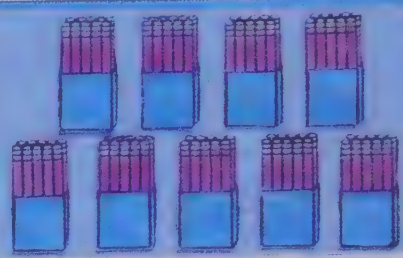
____ tens ____ ones



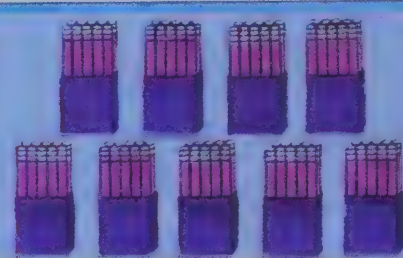
____ tens ____ ones



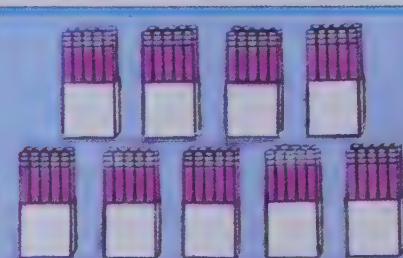
9 tens 0 ones



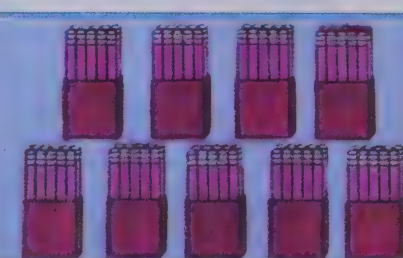
____ tens ____ ones



____ tens ____ ones

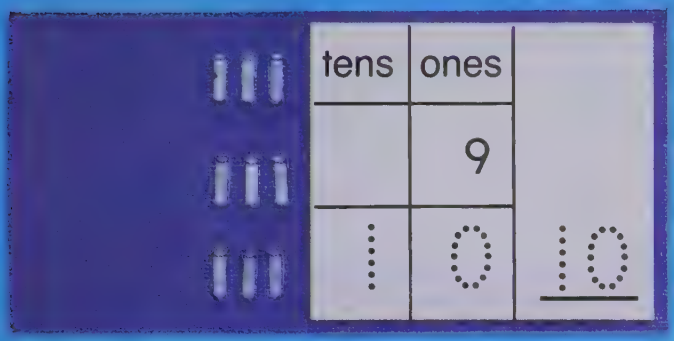


____ tens ____ ones

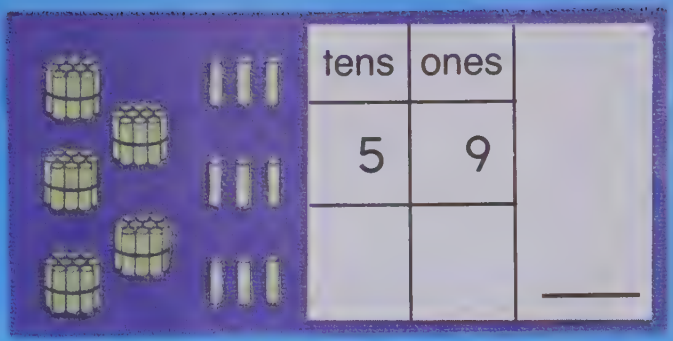


____ tens ____ ones

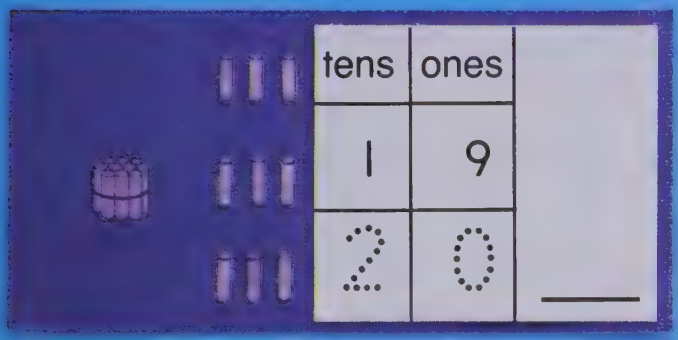
Show the number that is 1 more.



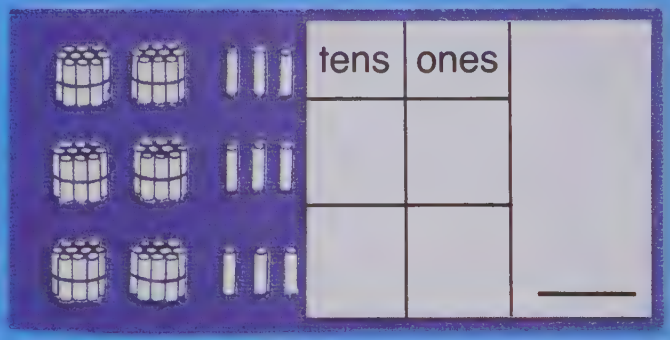
tens	ones	
	9	
1	0	10



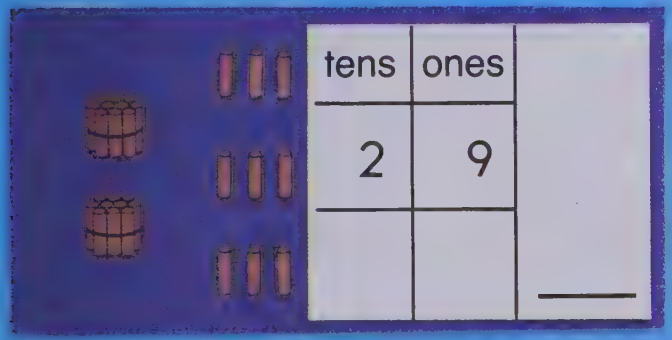
tens	ones	
5	9	



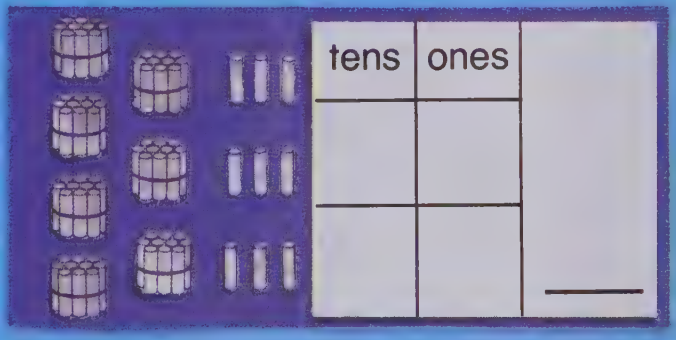
tens	ones	
1	9	
2	0	



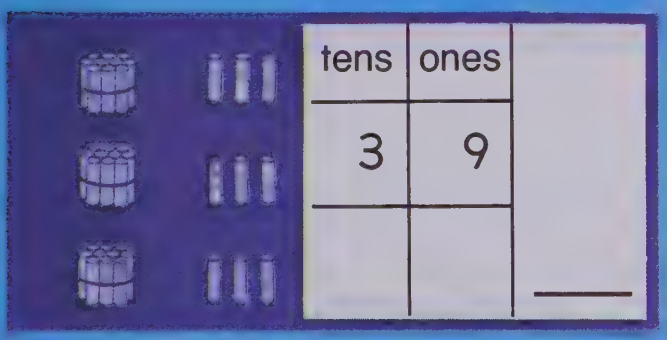
tens	ones	



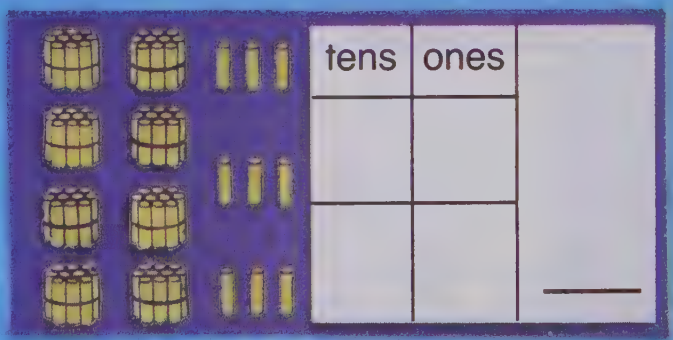
tens	ones	
2	9	



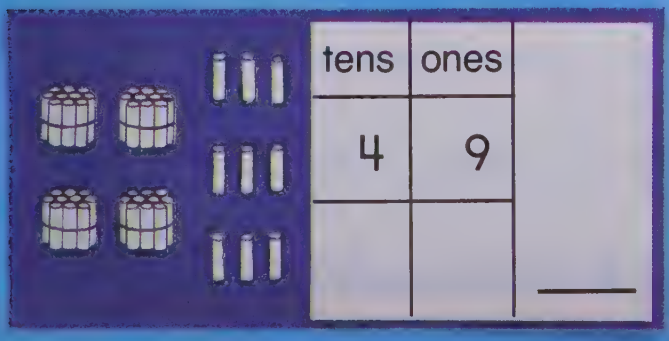
tens	ones	



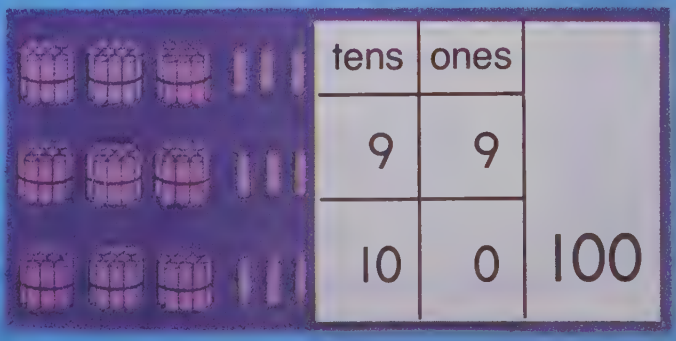
tens	ones	
3	9	



tens	ones	



tens	ones	
4	9	



tens	ones	
9	9	
10	0	100

Show the missing numbers.

1		3			6			9	
	12		14	15					20
		23			26		28		
31			34			37			
				45				49	
51									60
			64				68		
	72				76			79	
81				85		87			
		93							100

Complete.

2 4 6 ___ 10 ___ ___ ___ ___

11 13 15 ___ ___ 21 ___ ___ ___

45 46 ___ 48 ___ 50 ___ ___ ___

60 62 64 ___ 68 ___ ___ ___ ___

81 83 85 ___ ___ ___ ___ ___ ___

92 93 94 ___ ___ ___ ___ ___ ___

Count by tens and use an X to mark each ten. Count by fives and ring the fives.

What number comes before ?

____ 20	____ 28	____ 29	____ 40
____ 54	____ 63	____ 65	____ 72
____ 81	____ 89	____ 90	____ 99

What number comes after ?

19 ____	24 ____	28 ____	39 ____
46 ____	47 ____	55 ____	63 ____
76 ____	89 ____	96 ____	98 ____

What number comes between ?

9 ____ 11	26 ____ 28	49 ____ 51
58 ____ 60	89 ____ 91	78 ____ 80
69 ____ 71	34 ____ 36	98 ____ 100

Add.

3	6	5	2	4	7	1	6
+4	+3	+1	+3	+6	+3	+8	+2

2	5	0	3	2	2	4	3
3	3	4	2	4	3	5	1
+4	+1	+4	+3	+2	+5	+1	+3

What number is 1 greater than each ?

14 ____	23 ____	27 ____	36 ____
47 ____	49 ____	53 ____	58 ____
64 ____	79 ____	87 ____	96 ____

What number is 2 greater than each ?

8 ____	12 ____	21 ____	26 ____
27 ____	39 ____	48 ____	52 ____
55 ____	69 ____	76 ____	93 ____

See how many you can do in 2 minutes.

1 + 1 = ____	2 + 2 = ____	3 + 0 = ____
2 + 3 = ____	5 + 1 = ____	4 + 2 = ____
6 + 0 = ____	4 + 3 = ____	1 + 6 = ____
2 + 5 = ____	4 + 4 = ____	7 + 2 = ____
6 + 4 = ____	8 + 2 = ____	5 + 4 = ____
3 + 5 = ____	1 + 9 = ____	0 + 5 = ____
1 + 8 = ____	7 + 0 = ____	1 + 3 = ____

Identifying numbers one or two greater than a given number; addition practice

What number is 1 less than each ?

____ 27	____ 29	____ 30	____ 31
____ 38	____ 42	____ 46	____ 55
____ 64	____ 76	____ 83	____ 90

What number is 2 less than each ?

____ 17	____ 25	____ 29	____ 30
____ 31	____ 38	____ 40	____ 44
____ 56	____ 60	____ 77	____ 89

See how many you can do in 2 minutes.

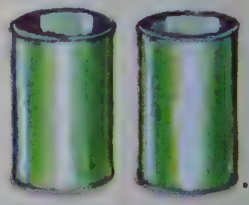
8 – 0 = ____	9 – 4 = ____	7 – 5 = ____
10 – 1 = ____	5 – 2 = ____	4 – 3 = ____
8 – 8 = ____	10 – 9 = ____	10 – 10 = ____
10 – 4 = ____	7 – 3 = ____	9 – 2 = ____
3 – 0 = ____	8 – 2 = ____	10 – 3 = ____
10 – 2 = ____	9 – 1 = ____	9 – 6 = ____
4 – 4 = ____	5 – 0 = ____	8 – 6 = ____

Complete.

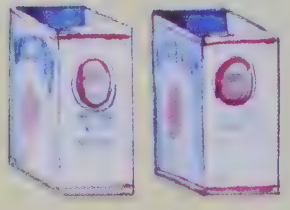
4  's fill  .

___  's fill  .

3  's fill  .

___  's fill  .

5  's fill  .

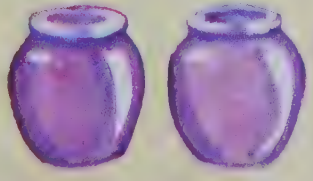
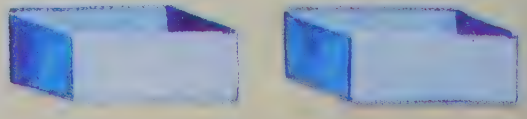
___  's fill  .

2  's fill  .

___  's fill  .

Ring the correct word.

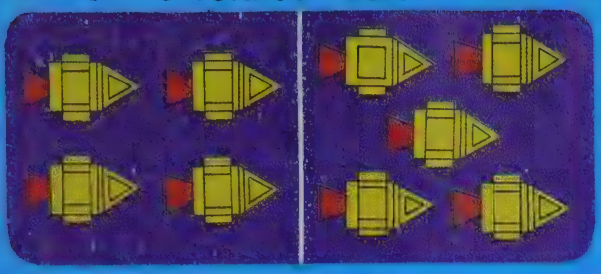
 fills  .

Will  fill  ? Yes No

 fill  .

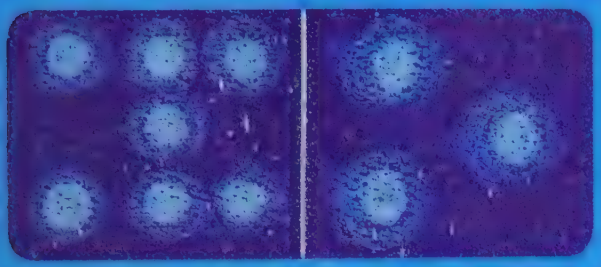
Will  fill  ? Yes No

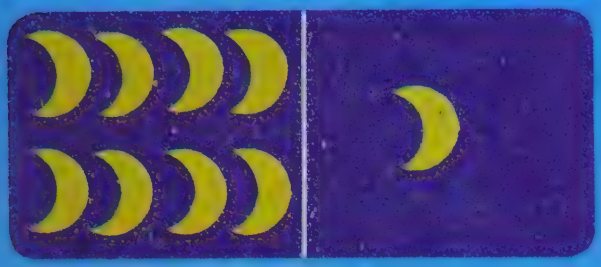
Write the related facts.



4 + 5 = 9

9 − 5 = 4





Complete.

2 + 2	4 + 2	6 + 2	8 + 2
9 − 2	7 − 2	5 − 2	3 − 2
6 + 0	0 + 6	1 + 5	5 + 1
8 − 3	8 − 5	10 − 1	10 − 9

10 − 5 = ____

5 + 3 = ____

8 − 4 = ____

4 + 3 = ____

7 − 1 = ____

6 + 3 = ____

9 − 7 = ____

2 + 8 = ____

Complete.

2	4	6	___	10	___	14	___	___
1	3	5	___	9	___	13	___	___
___	37	38	39	___	41	42	___	___
84	___	86	87	88	___	90	___	___

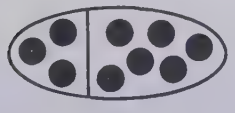
Complete.

$2 + 1 =$ ___ $\quad 4 + 2 =$ ___ $\quad 3 + 4 =$ ___

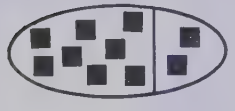
$7 - 1 =$ ___ $\quad 8 - 0 =$ ___ $\quad 6 - 3 =$ ___

$$\begin{array}{r} 4 \\ +\,4 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ +\,3 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ +\,4 \\ \hline \end{array} \qquad \begin{array}{r} 9 \\ -\,7 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ -\,3 \\ \hline \end{array} \qquad \begin{array}{r} 8 \\ -\,6 \\ \hline \end{array}$$

Write the related facts.



_____ _____ _____ _____



_____ _____ _____ _____

What number ?

5 tens 3 ones ___ $\quad$ 7 tens 5 ones ___

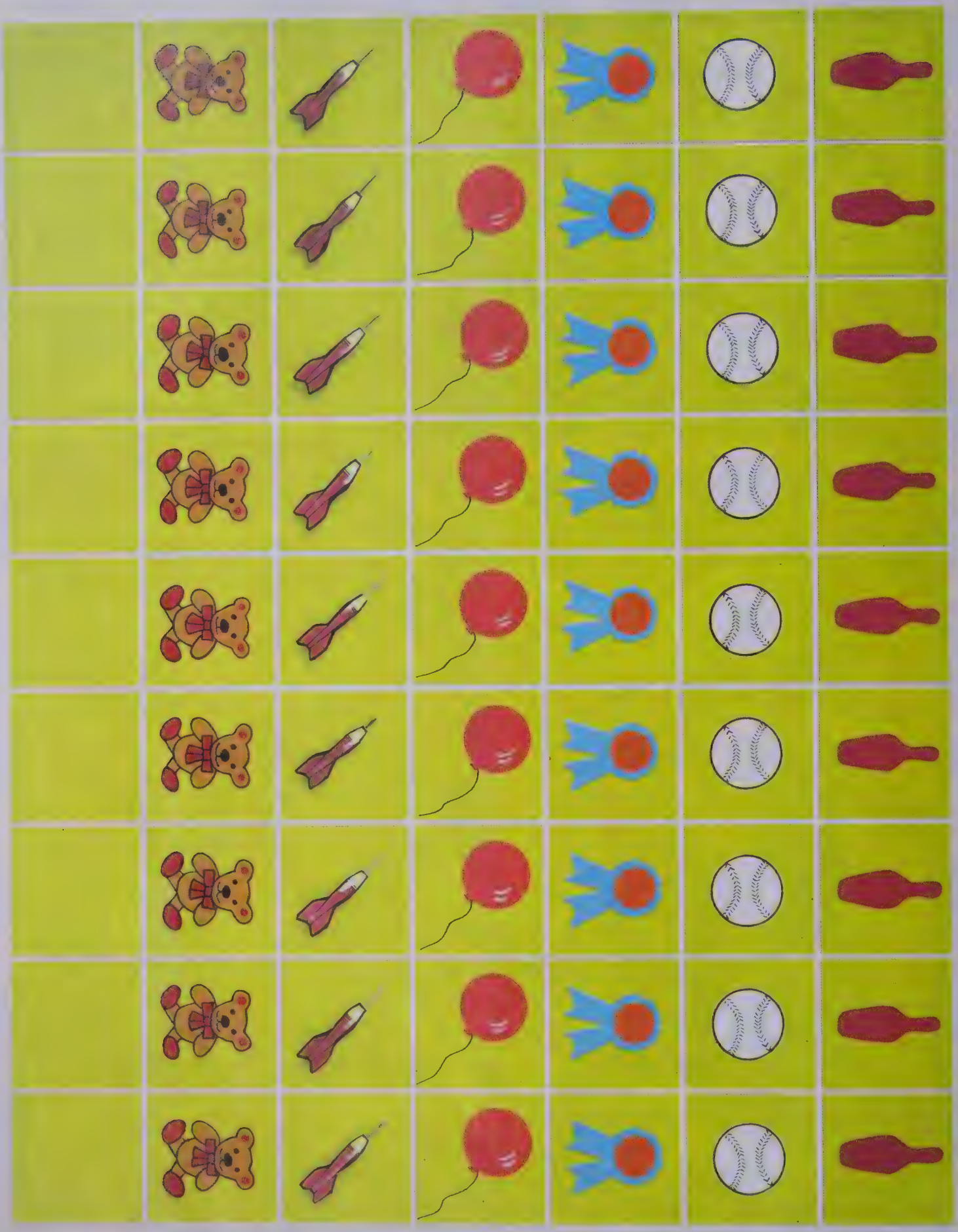
8 tens 4 ones ___ $\quad$ 9 tens 8 ones ___

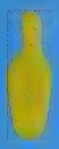
How much ?

___ ¢

___ ¢


BALL TOSS
•PRIZES
•PRIZES
•PRIZES
FUN FAIR
TICKETS

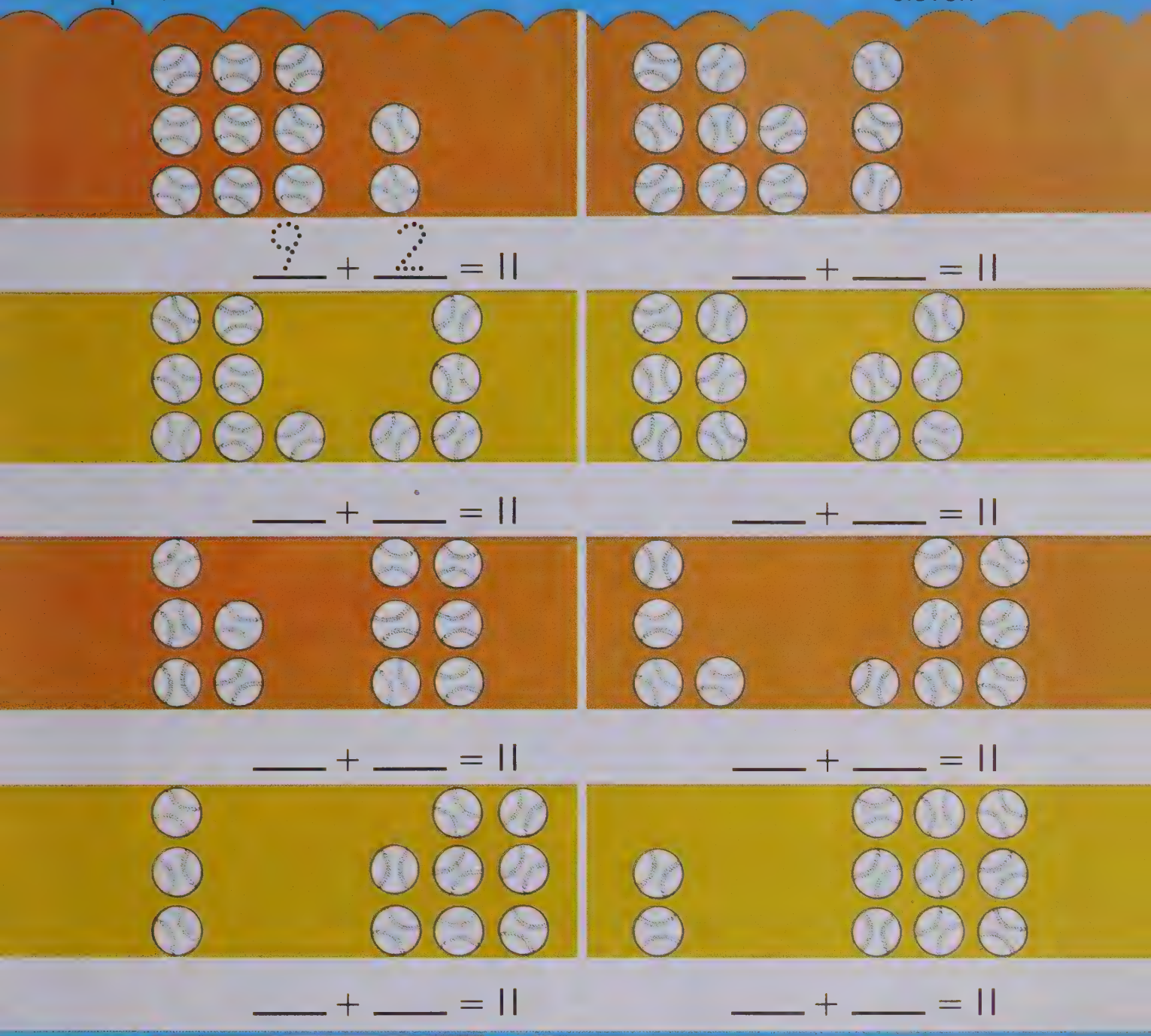




$10 + 1 = \underline{\quad 11 \quad}$

eleven

Complete.



$\underline{\quad 9 \quad} + \underline{\quad 2 \quad} = 11$

$\underline{\quad\quad} + \underline{\quad\quad} = 11$

$\underline{\quad\quad} + \underline{\quad\quad} = 11$

$\underline{\quad\quad} + \underline{\quad\quad} = 11$

$\underline{\quad\quad} + \underline{\quad\quad} = 11$

$\underline{\quad\quad} + \underline{\quad\quad} = 11$

$\underline{\quad\quad} + \underline{\quad\quad} = 11$

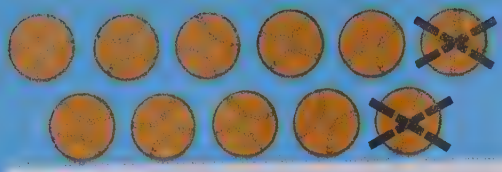
$\underline{\quad\quad} + \underline{\quad\quad} = 11$

$9 + 2$	$2 + 9$	$8 + 3$	$3 + 8$
$7 + 4$	$4 + 7$	$6 + 5$	$5 + 6$

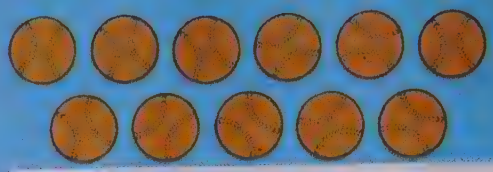
$10 + 1$

$1 + 10$

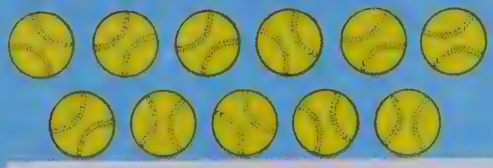
Complete.



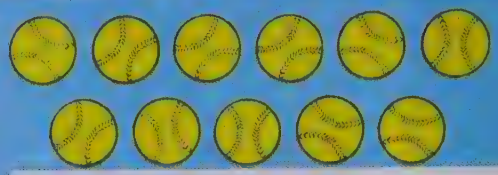
11 − 2 = ?



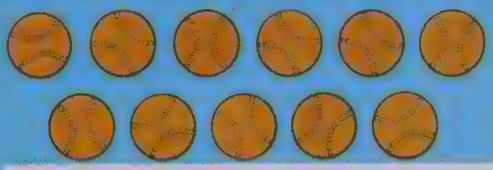
11 − 7 = ____



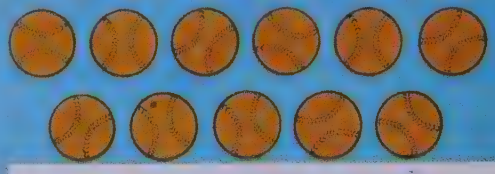
11 − 4 = ____



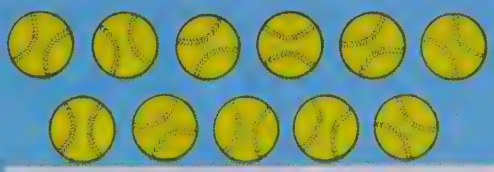
11 − 9 = ____



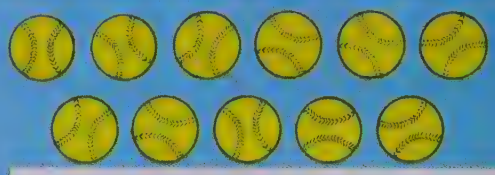
11 − 5 = ____



11 − 6 = ____



11 − 3 = ____

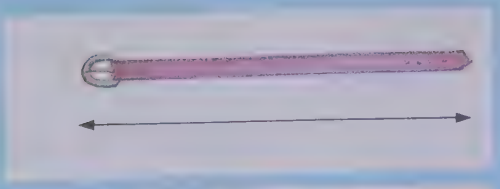


11 − 8 = ____

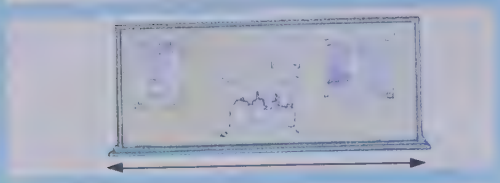
11 − 2	11 − 9	
11 − 3	11 − 8	
11 − 4	11 − 7	
11 − 5	11 − 6	
11 − 1		
11 − 10		

Find objects that are longer than, shorter than, and about as long as a metre stick.

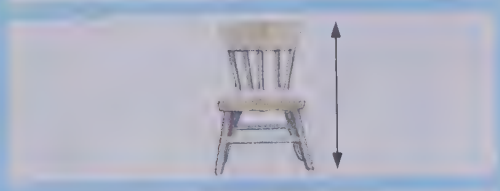
Use a metre stick.



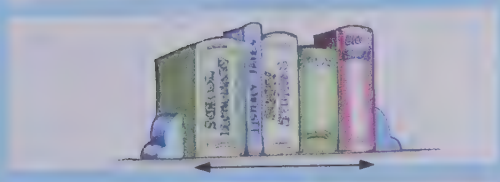
longer than / shorter than a metre stick



longer than / shorter than a metre stick

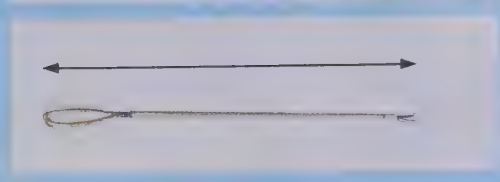


longer than / shorter than a metre stick



longer than / shorter than a metre stick

longer than / shorter than a metre stick



longer than / shorter than a metre stick

How far is it

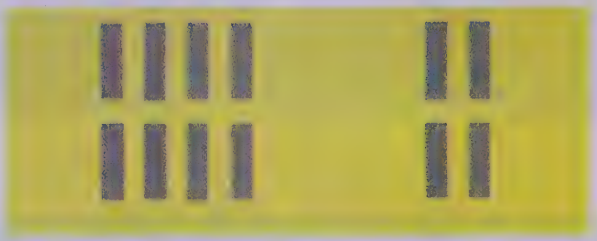
to the next classroom?	about _____ metre sticks
to the library?	about _____ metre sticks
to the office?	about _____ metre sticks
across the classroom?	about _____ metre sticks
around the classroom?	about _____ metre sticks
down the hall?	about _____ metre sticks
to the gym?	about _____ metre sticks

$10 + 2 = 12$

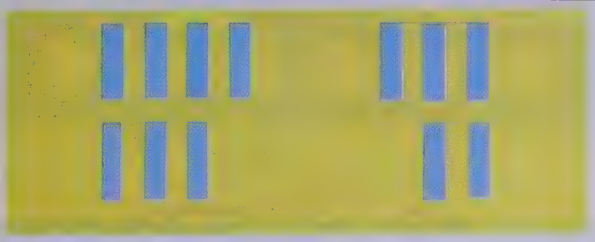
Complete.

twelve

9 + 3 = 12



____ + ____ = 12



____ + ____ = 12

____ + ____ = 12

____ + ____ = 12

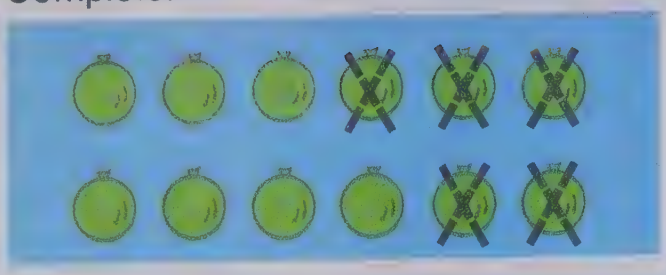
____ + ____ = 12

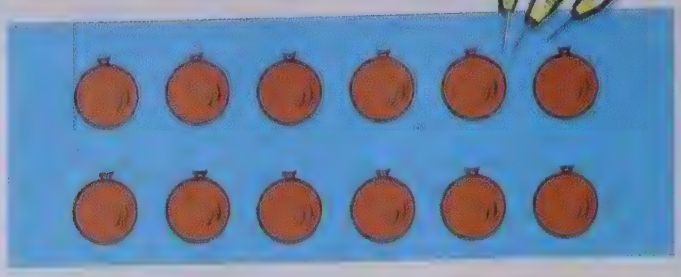
____ + ____ = 12

____ + ____ = 12

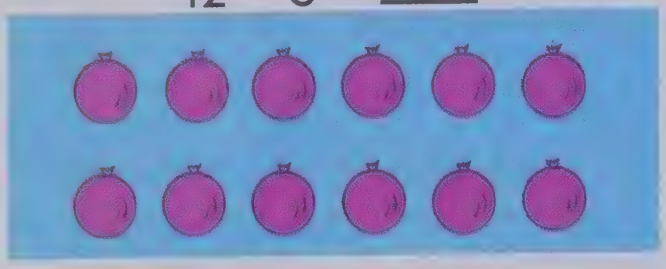
9 + 3	3 + 9	
8 + 4	4 + 8	
6 + 6		
7 + 5	5 + 7	
10 + 2	2 + 10	

Complete.

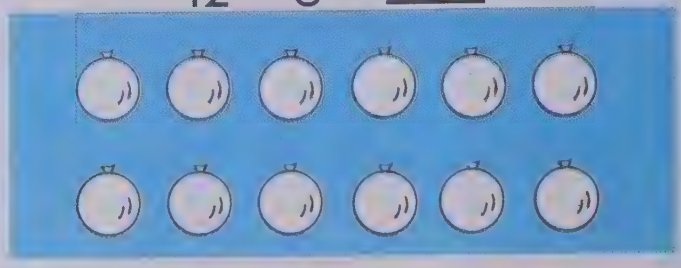




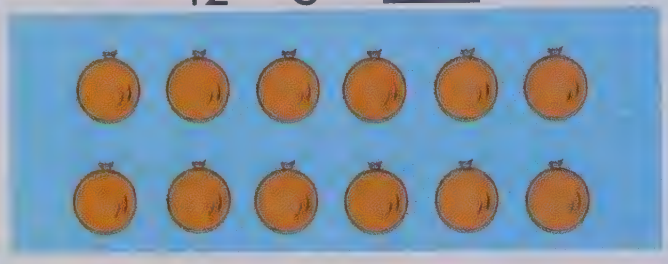
12 − 5 = ____



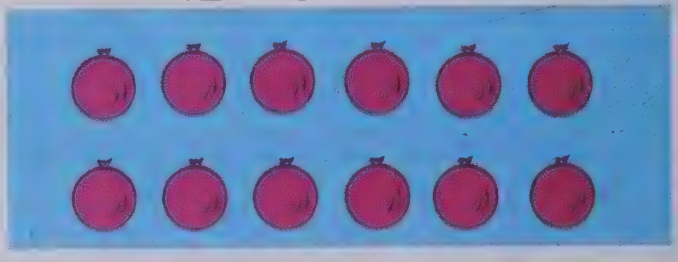
12 − 8 = ____



12 − 3 = ____

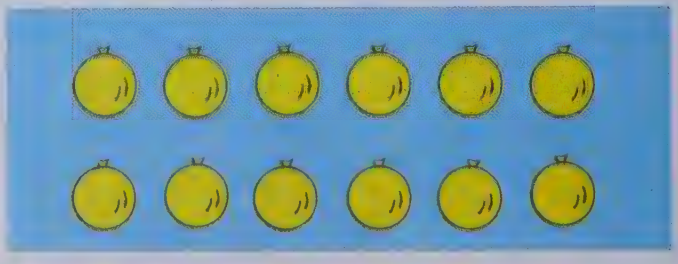


12 − 6 = ____



12 − 7 = ____

12 − 9 = ____



12 − 4 = ____

12 − 2 = ____

12 − 3	12 − 9	12 − 4	12 − 8	12 − 6
12 − 5	12 − 7	12 − 2	12 − 10	

Complete.

$8 + 3 =$ ____	$7 + 5 =$ ____
$4 + 7 =$ ____	$11 - 2 =$ ____
$10 - 3 =$ ____	$5 + 5 =$ ____
$11 - 5 =$ ____	$11 - 6 =$ ____
$4 + 8 =$ ____	$2 + 9 =$ ____
$5 + 6 =$ ____	$12 - 5 =$ ____
$10 - 4 =$ ____	$11 - 4 =$ ____
$12 - 2 =$ ____	$12 - 6 =$ ____
$11 + 0 =$ ____	$6 + 5 =$ ____
$11 - 9 =$ ____	$7 + 3 =$ ____
$5 + 7 =$ ____	$3 + 9 =$ ____
$12 - 8 =$ ____	$11 - 1 =$ ____
$4 + 6 =$ ____	$11 - 7 =$ ____
$6 + 6 =$ ____	$12 - 9 =$ ____
$12 - 3 =$ ____	$7 + 4 =$ ____

$$\begin{array}{r} 8 \\ +\,4 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ +\,5 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -\,3 \\ \hline \end{array} \qquad \begin{array}{r} 9 \\ +\,2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +\,6 \\ \hline \end{array} \qquad \begin{array}{r} 11 \\ -\,8 \\ \hline \end{array}$$

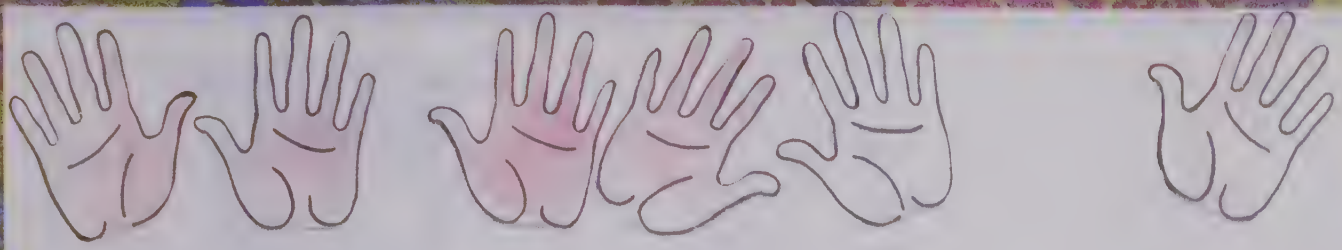
$$\begin{array}{r} 9 \\ +\,3 \\ \hline \end{array} \qquad \begin{array}{r} 7 \\ +\,4 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -\,7 \\ \hline \end{array} \qquad \begin{array}{r} 3 \\ +\,8 \\ \hline \end{array}$$

$$\begin{array}{r} 11 \\ -\,4 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ +\,7 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ -\,6 \\ \hline \end{array} \qquad \begin{array}{r} 12 \\ -\,4 \\ \hline \end{array}$$

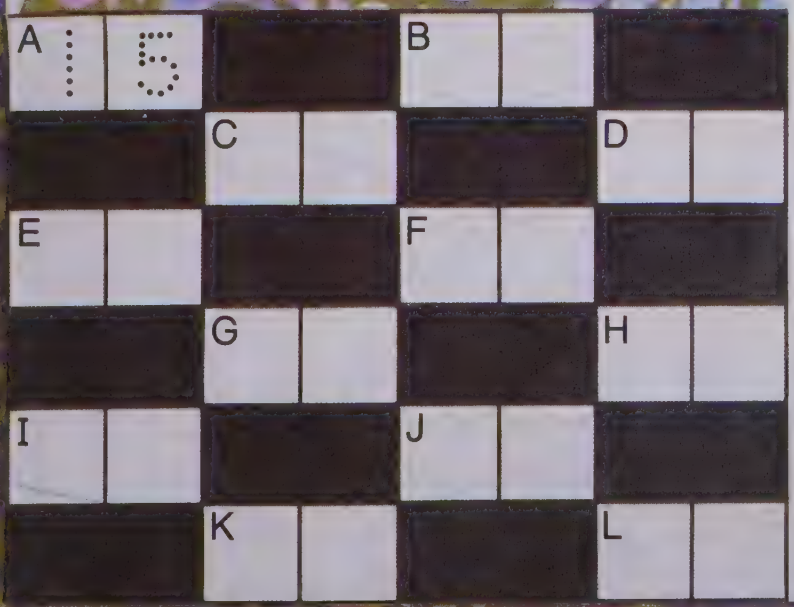
Join the dots.



2 fives are ____ ____ fives are ____ ____ five is ____

____ fives are ____ ____ fives are ____

Complete.



A 3 fives

B 4 fives

C 6 fives

D 8 fives

E 20 + 5

F 40 + 5

G 35 + 5

H 55 + 5

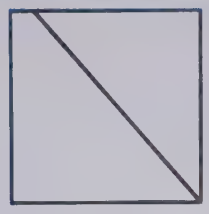
I 2 fives

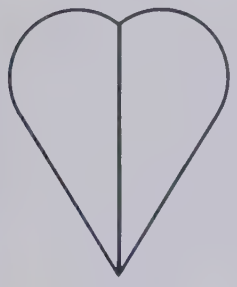
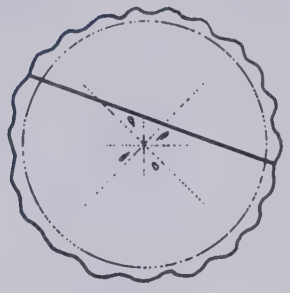
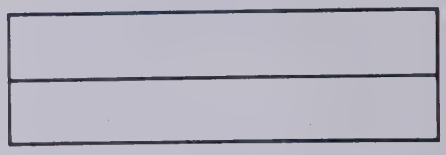
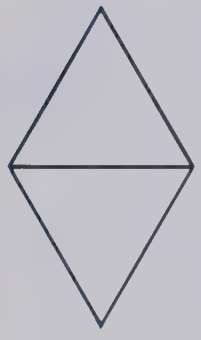
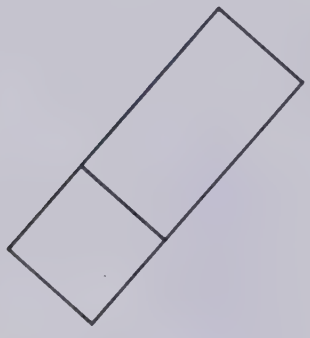
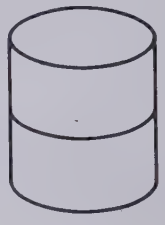
J 7 fives

K 5 fives

L 9 fives + 1 five

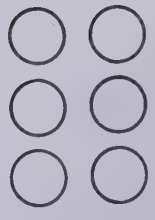
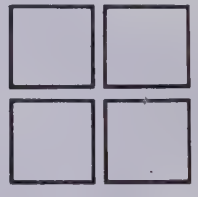
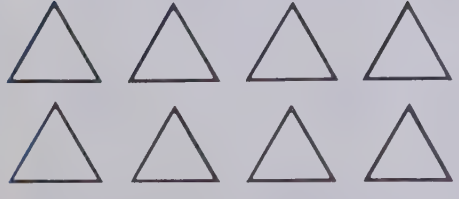
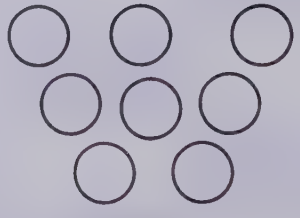
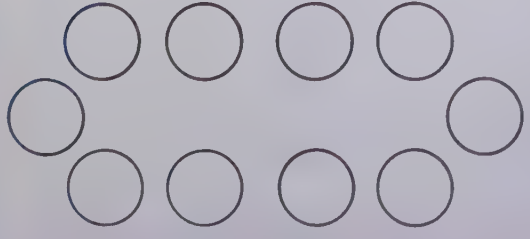
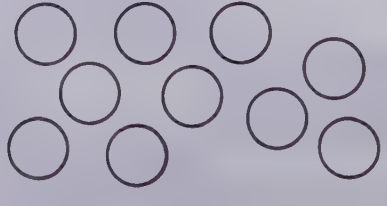
Ring, and color one half.

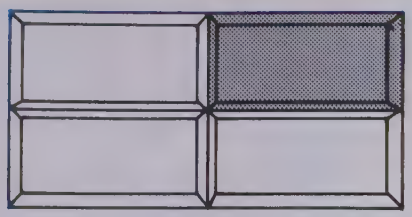







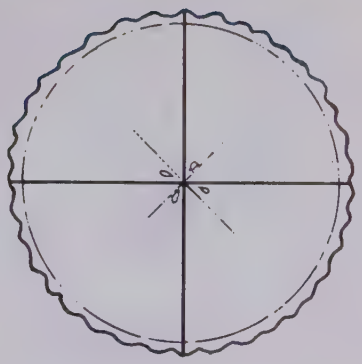
Ring those that show one-half and color one half.

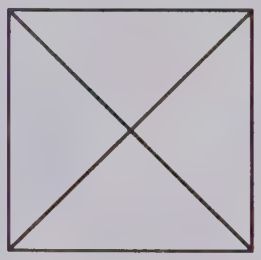
Color one half of each set.

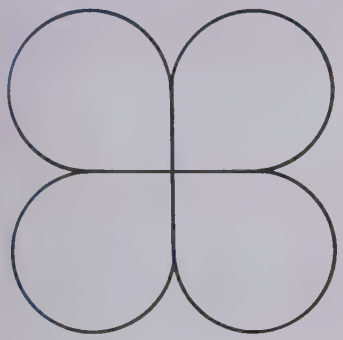








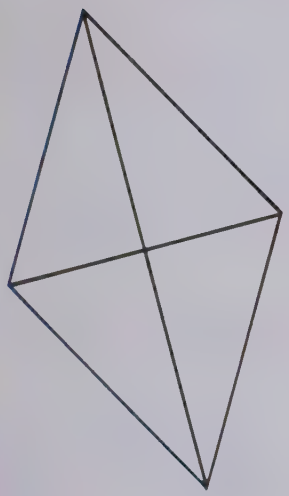
Color one fourth of each shape.

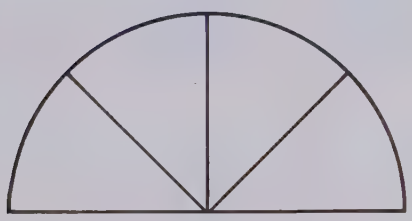


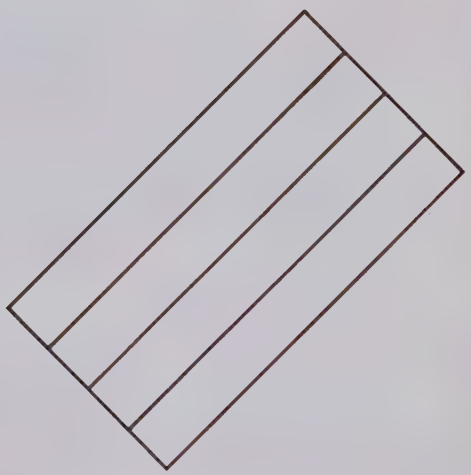


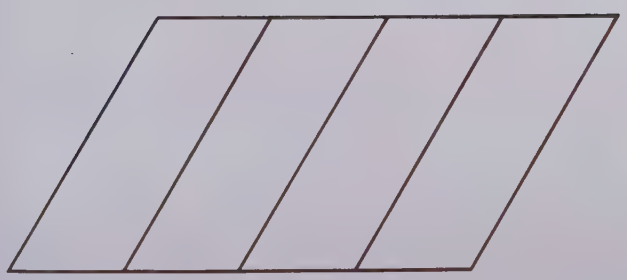


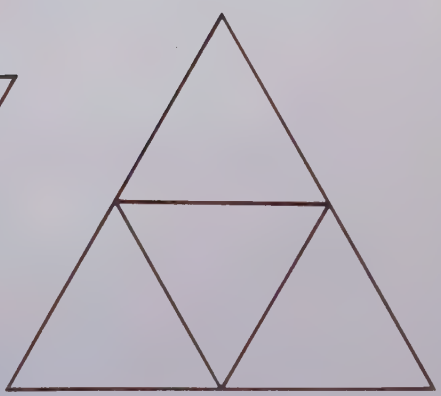




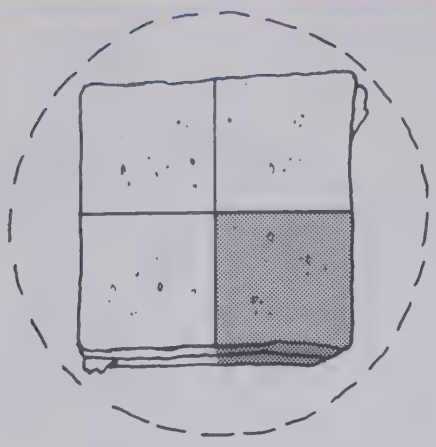


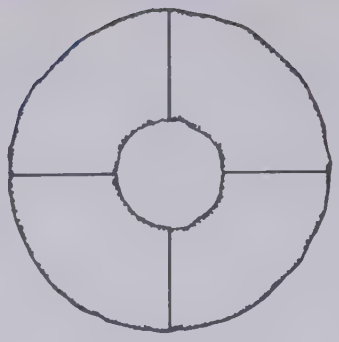


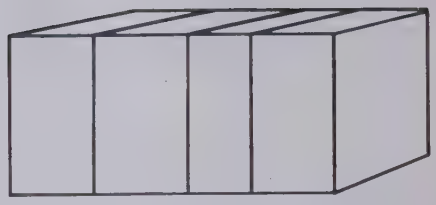


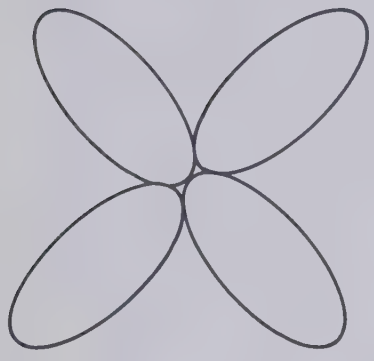


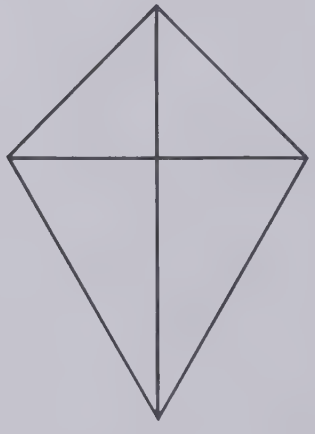
Ring, and color one fourth.

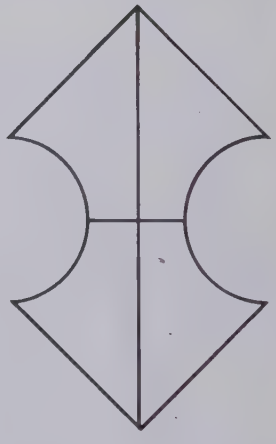


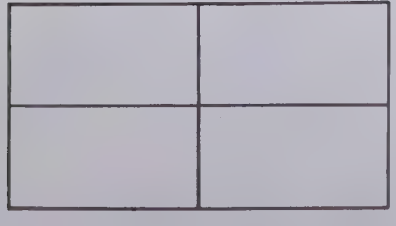


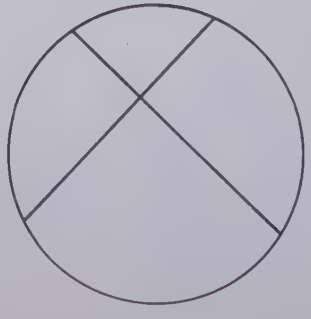


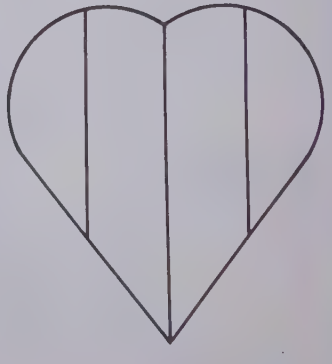












Ring those that show one-fourth and color one fourth.

Complete.


7 + 3 = ____
9 − 3 = ____
4 + 1 = ____
5 + 5 = ____
10 − 5 = ____
2 + 7 = ____
8 − 3 = ____
6 + 2 = ____
6 + 5 = ____
6 + 6 = ____
5 + 3 = ____
4 + 5 = ____
7 − 2 = ____
3 + 8 = ____
8 + 2 = ____
10 − 4 = ____
5 − 1 = ____
10 − 3 = ____
12 − 6 = ____
4 + 6 = ____
4 + 2 = ____
6 − 1 = ____
9 − 4 = ____
8 − 4 = ____
11 − 8 = ____
6 + 3 = ____

5 's

3 more 's come.

How many 's in all ?

9 's

3 's went away.

How many 's now ?

I have 4 's.

Pat has 2 's.

How many 's in all ?

6 's in a box

4 's on a plate

How many 's in all ?

7 's

4 's went away.

How many 's now ?

8 's to eat

I ate 2 's.

How many 's now ?

Write a number sentence for each problem.

I have 4 apples.
Pat has 5 apples.
How many apples in all ?

___

See 7 cats.
5 cats go away.
How many cats are left ?

___

I have 10 toys.
Bob has 6 toys.
How many more toys have I ?

___

Share 12 nuts between 2 girls.
How many nuts for each girl ?

___

I have 3 pairs of shoes.
How many shoes have I ?

___

See 4 children.
How many eyes have they ?

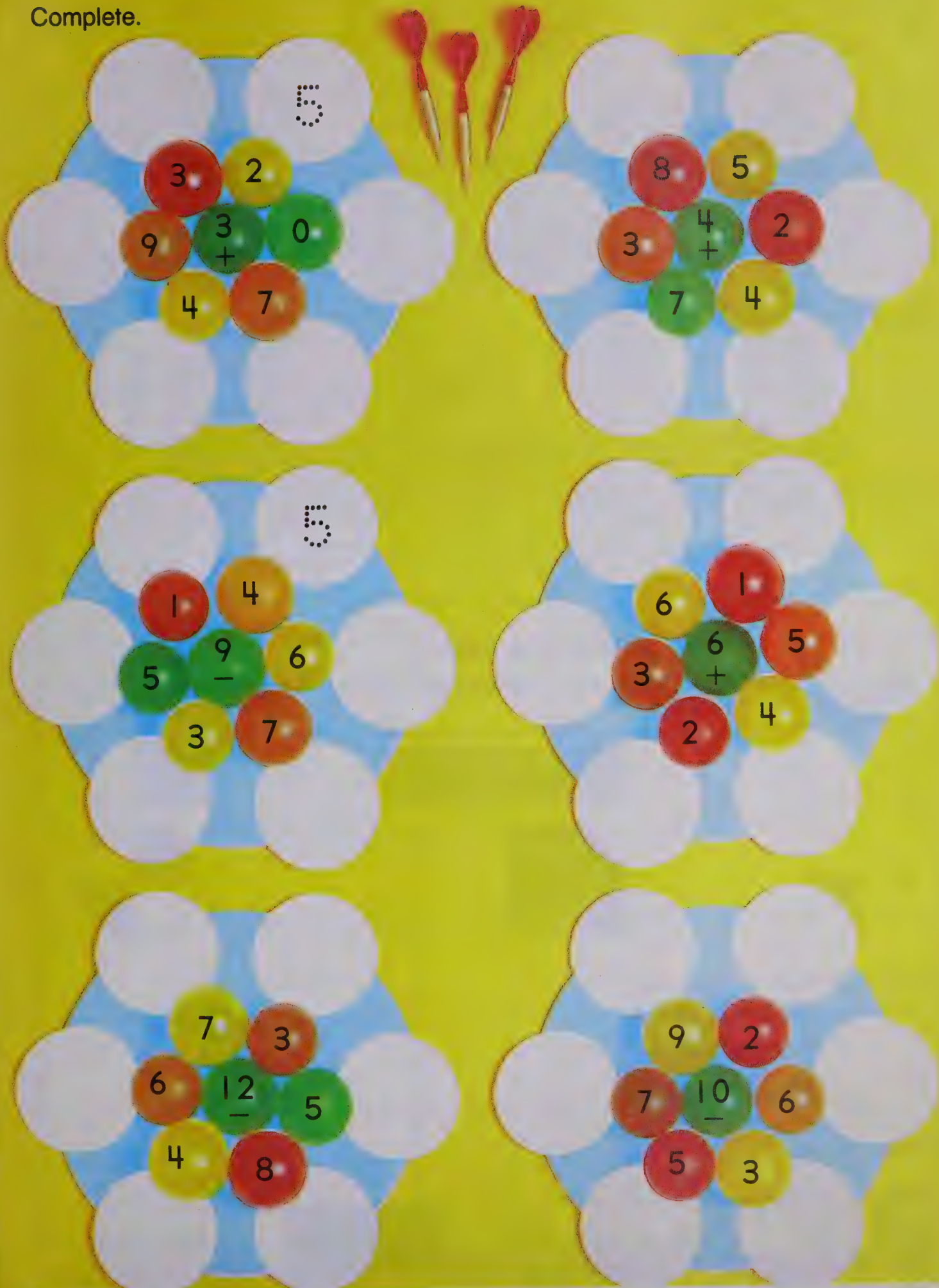
___

Draw a picture for each situation.

Complete.

+	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										

Complete.



Complete.

$9 + 1 =$ ____ $8 + 3 =$ ____ $7 + 5 =$ ____

$11 - 4 =$ ____ $10 - 8 =$ ____ $12 - 4 =$ ____

$\begin{array}{r} 3 \\ +\,7 \\ \hline \end{array}$ $\begin{array}{r} 5 \\ +\,6 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ +\,9 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ -\,6 \\ \hline \end{array}$ $\begin{array}{r} 11 \\ -\,8 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ -\,7 \\ \hline \end{array}$

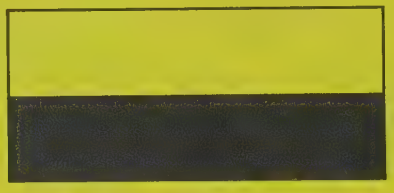
What number ?

3 fives ____ 5 fives ____ 8 fives ____

$30 + 5$ ____ $60 + 5$ ____ $85 + 5$ ____

Color the seventh bird yellow. Color the fifth bird blue.

Ring one half. Use a ✓ to show one fourth.



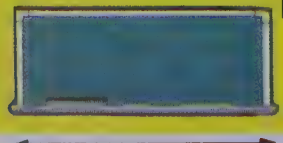
Color one half of each set.

Ring.

longer

than a metre stick

shorter



longer

than a metre stick

shorter

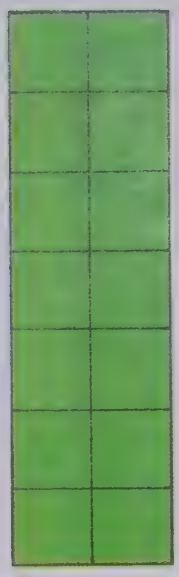
Complete the calendar.

This month is _____ .

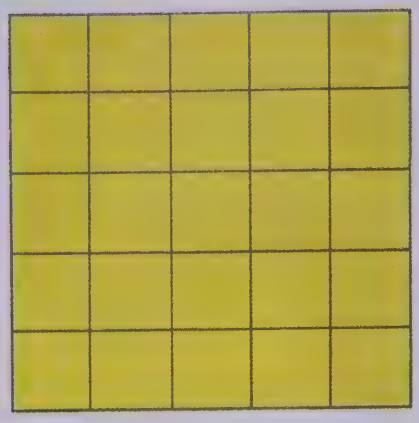
_____

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

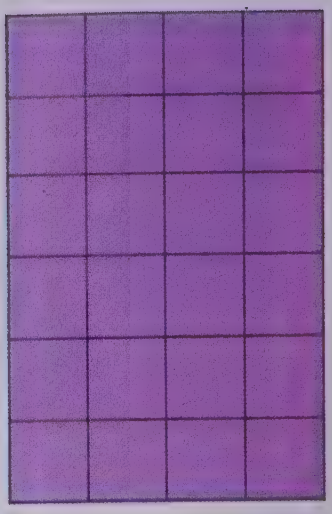
Count the squares.



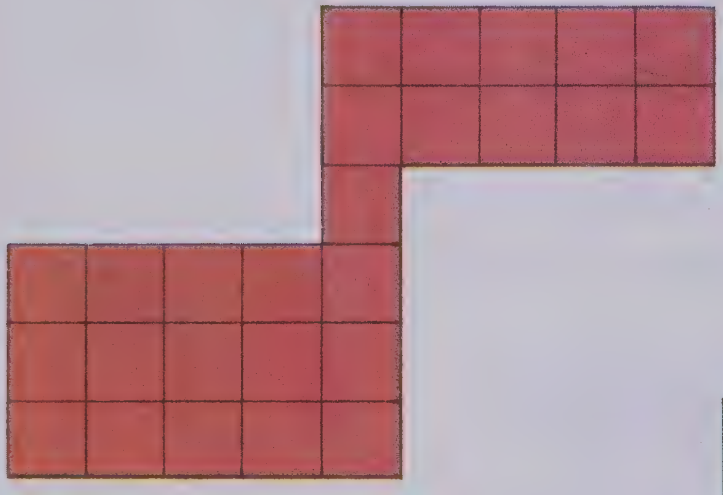
_____



_____

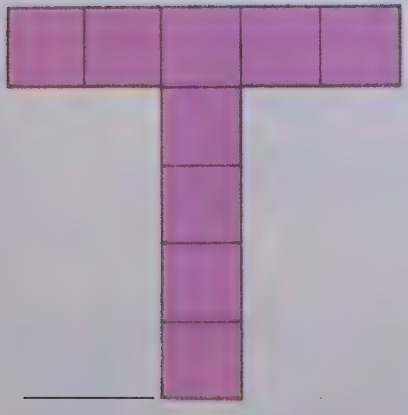


_____

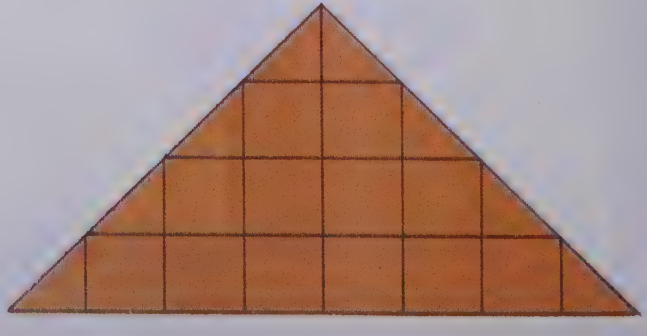


_____

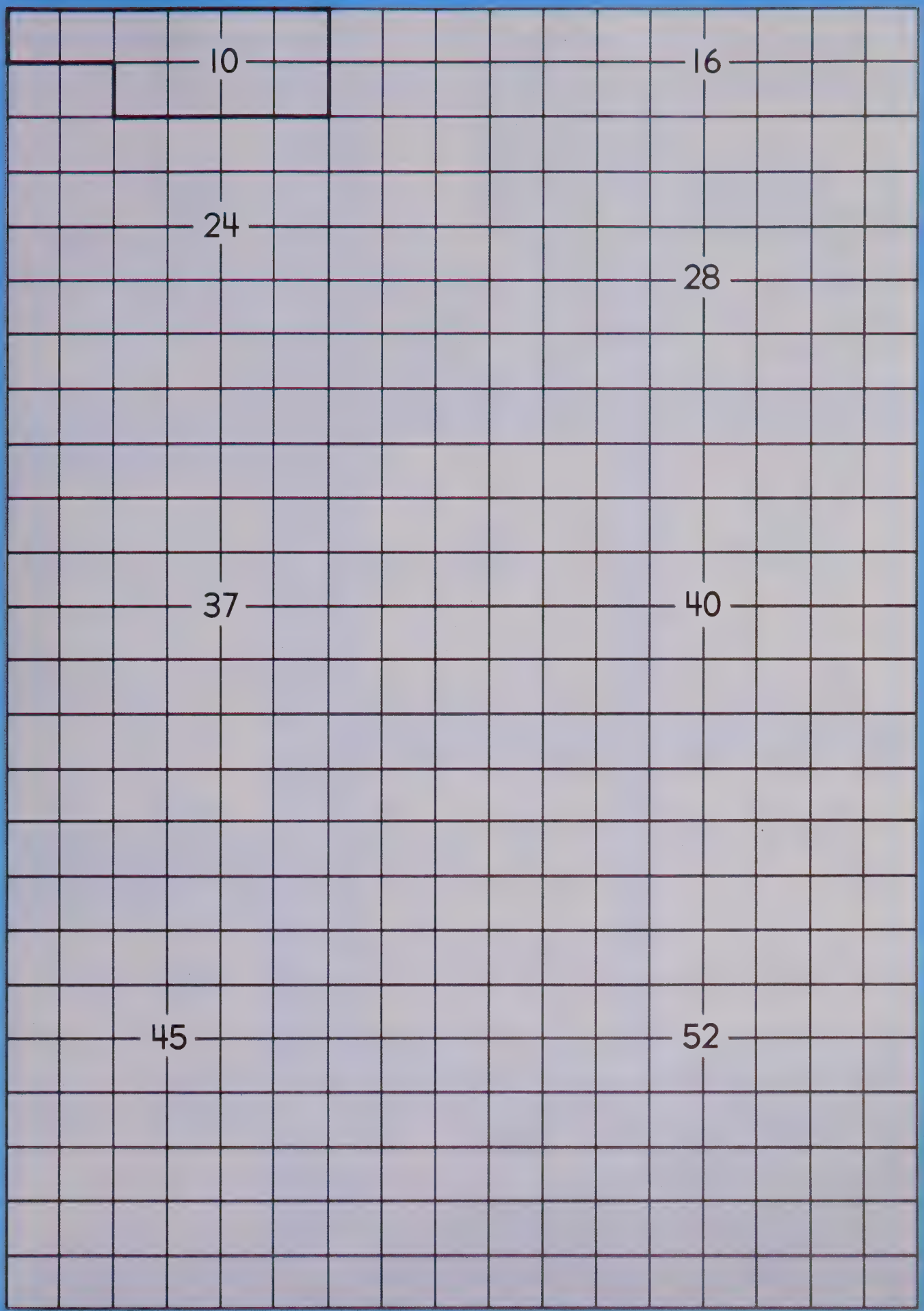
_____



_____



_____



Draw and color a shape having each number of squares indicated.

Complete the number sentences.

$4 + 6 =$ ____
$10 - 6 =$ ____
$6 + 4 =$ ____
$10 - 4 =$ ____

$12 - 5 =$ ____
$7 + 5 =$ ____
$12 - 7 =$ ____
$5 + 7 =$ ____

$1 + 9 =$ ____
$5 + 5 =$ ____
$11 - 4 =$ ____
$3 + 7 =$ ____
$6 + 6 =$ ____

$8 + 3 =$ ____
$11 - 3 =$ ____
$3 + 8 =$ ____
$11 - 8 =$ ____

$12 - 3 =$ ____
$9 + 3 =$ ____
$12 - 9 =$ ____
$3 + 9 =$ ____

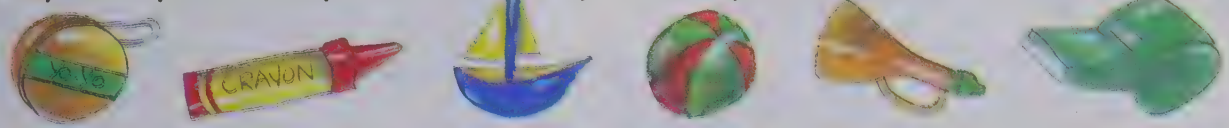
$9 + 2 =$ ____
$12 - 4 =$ ____
$7 + 4 =$ ____
$11 - 2 =$ ____
$4 + 8 =$ ____

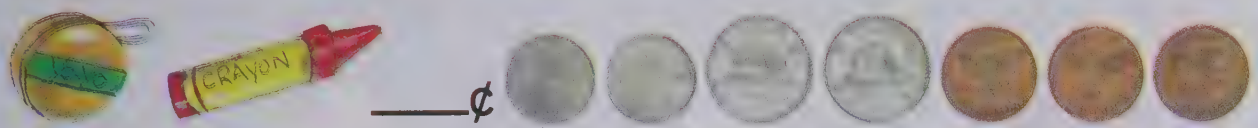
$11 - 6 =$ ____
$5 + 6 =$ ____
$11 - 5 =$ ____
$6 + 5 =$ ____

$2 + 8 =$ ____
$10 - 8 =$ ____
$10 - 2 =$ ____
$8 + 2 =$ ____

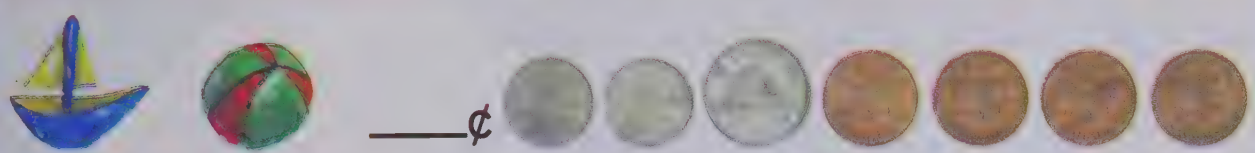
$10 - 1 =$ ____
$4 + 7 =$ ____
$10 - 3 =$ ____
$8 + 4 =$ ____
$11 - 4 =$ ____

Buy. 4¢ 8¢ 2¢ 9¢ 5¢ 3¢

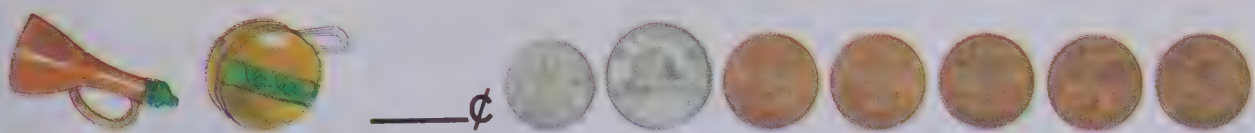




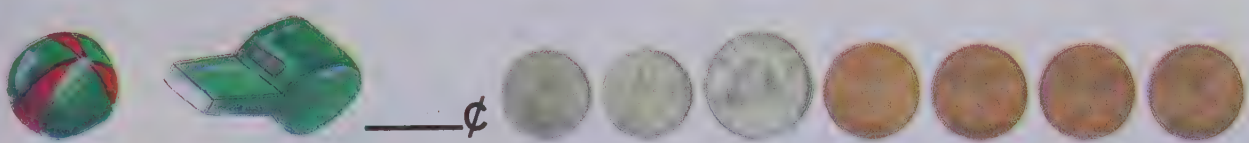
____¢



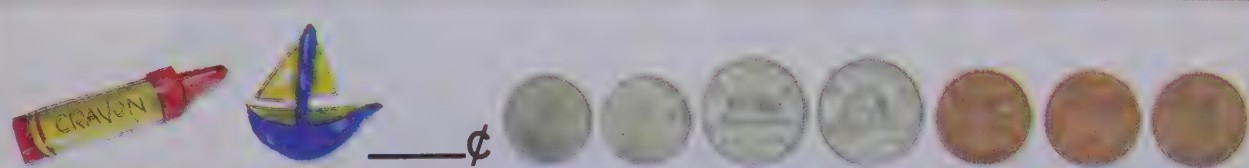
____¢



____¢



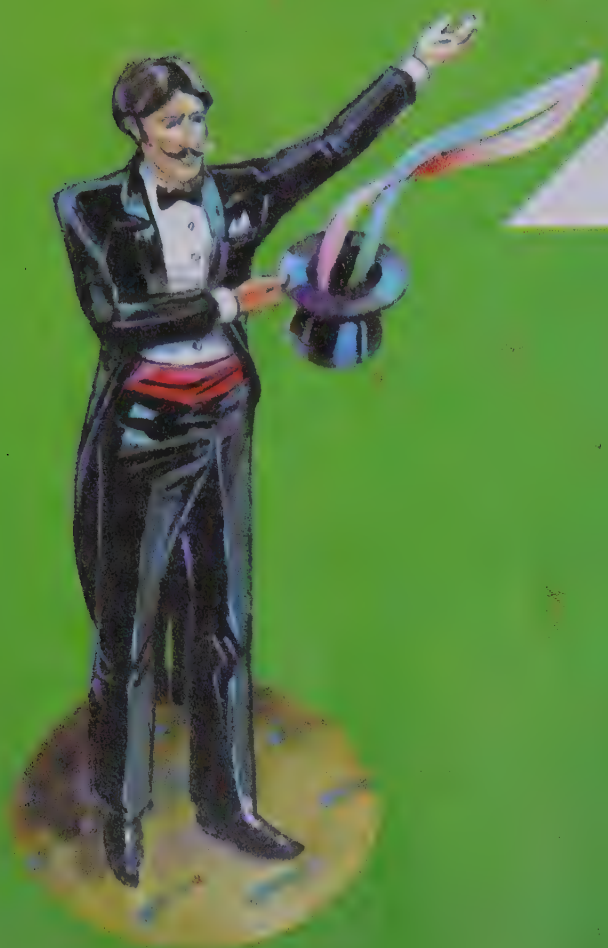
____¢



____¢

Ring the coins needed for each pair of items.

Make this picture.



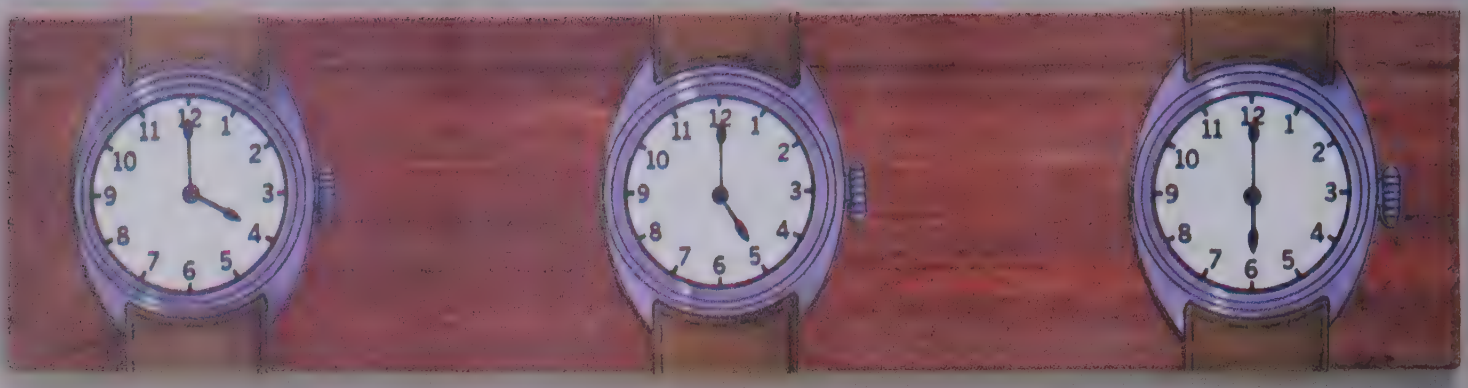
Fit the pieces of the tangram to make this picture. Then make another picture.

Use these two shapes

to make these shapes.

Place the two tangram pieces to form each shape. Indicate how the pieces are placed.

What time is it ?



4 o'clock

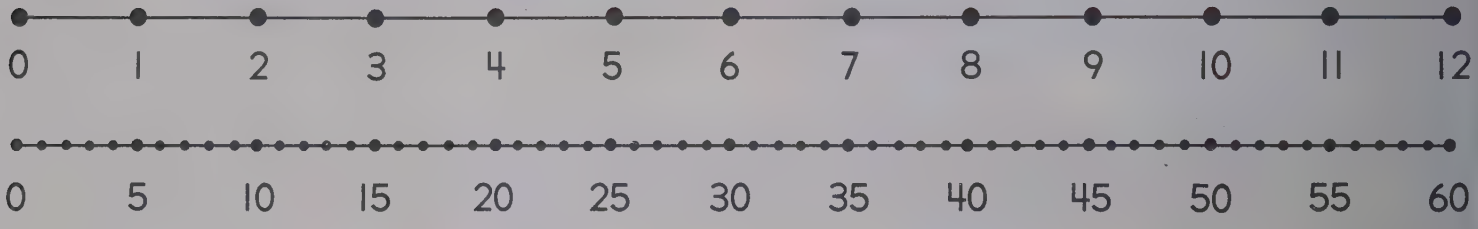
5 o'clock

____ o'clock

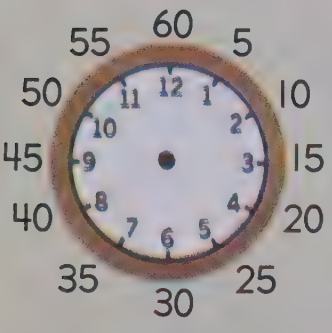
4:00

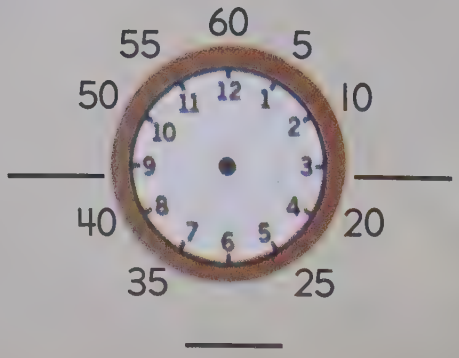
_____

_____



Color one half.





_____

_____

7:30

_____

What time is it ?

Complete.

$6 + 2 =$ ____ $5 + 5 =$ ____ $8¢ + 3¢ =$ ____ ¢

$$\begin{array}{r} 10 \\ +\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 3 \\ +\ 6 \\ \hline \end{array} \qquad \begin{array}{r} 7 \\ +\ 4 \\ \hline \end{array} \qquad \begin{array}{r} 4 \\ +\ 7 \\ \hline \end{array} \qquad \begin{array}{r} 9 \\ +\ 0 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ +\ 8 \\ \hline \end{array}$$

$10 - 3 =$ ____ $8 - 5 =$ ____ $9 - 8 =$ ____

$$\begin{array}{r} 11 \\ -\ 6 \\ \hline \end{array} \qquad \begin{array}{r} 12 \\ -\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 9 \\ -\ 4 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ -\ 6 \\ \hline \end{array} \qquad \begin{array}{r} 11 \\ -\ 8 \\ \hline \end{array} \qquad \begin{array}{r} 12 \\ -\ 5 \\ \hline \end{array}$$

What day comes after Monday ?

Sunday
Tuesday
Wednesday

What day comes before Thursday ?

Tuesday
Friday
Wednesday

What time is it ?

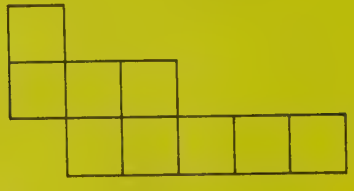
_____

_____

_____

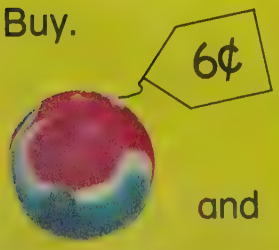
How many squares ?

____



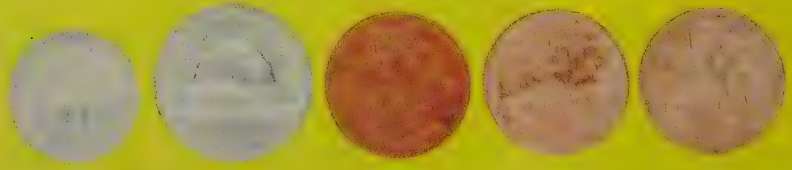
____

Buy.



and

____¢



Complete.

X	○	√	X	○	√	___	___	___
6	7	8	___	___	___	12	___	___
36	37	38	___	___	___	42	___	___
2	4	6	___	___	___	14	___	___
10	20	___	40	___	___	___	80	___

Match.

4	three	9	eight
7	four	2	six
3	five	6	nine
5	seven	8	two

What number comes before ?

___ 8 ___ 35 ___ 50

What number comes after ?

4 ___ 35 ___ 69 ___

What number comes between ?

9 ___ 11 18 ___ 20 43 ___ 45

Ring.

16 is less than / is greater than 20 32 is less than / is greater than 23

Color the eighth car blue. Color the third car red.

Complete.

$1 + 3 = \_\_\_\_$

$3 + 2 = \_\_\_\_$

$0 + 3 = \_\_\_\_$

$4 + 2 = \_\_\_\_$

$5 + 0 = \_\_\_\_$

$3 + 4 = \_\_\_\_$

$8 + 1 = \_\_\_\_$

$4 + 6 = \_\_\_\_$

$5¢ + 2¢ = \_\_\_\_¢$

$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$ $\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$

$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$ $\begin{array}{r} 7 \\ +2 \\ \hline \end{array}$

$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$ $\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$

$\begin{array}{r} 0 \\ +9 \\ \hline \end{array}$ $\begin{array}{r} 4¢ \\ +4¢ \\ \hline ¢ \end{array}$

$3 - 2 = \_\_\_\_$

$4 - 0 = \_\_\_\_$

$5 - 3 = \_\_\_\_$

$8 - 5 = \_\_\_\_$

$6 - 3 = \_\_\_\_$

$7 - 5 = \_\_\_\_$

$10 - 4 = \_\_\_\_$

$9 - 6 = \_\_\_\_$

$8¢ - 7¢ = \_\_\_\_¢$

$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$

$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$

$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$ $\begin{array}{r} 8 \\ -0 \\ \hline \end{array}$

$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$ $\begin{array}{r} 10¢ \\ -5¢ \\ \hline ¢ \end{array}$

$1 + 2 + 3 = \_\_\_\_$

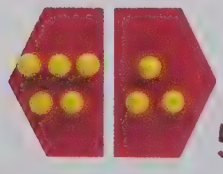
$3 + 3 + 2 = \_\_\_\_$

$4 + 1 + 2 = \_\_\_\_$

$5 + 0 + 4 = \_\_\_\_$

$\begin{array}{r} 2 \\ 2 \\ +2 \\ \hline \end{array}$ $\begin{array}{r} 3 \\ 3 \\ +3 \\ \hline \end{array}$

Write the related facts.



$5 + 3 = 8$ _____ _____ _____

Complete.

$\begin{array}{r} 3 \\ +8 \\ \hline \end{array}$ $\begin{array}{r} 6 \\ +6 \\ \hline \end{array}$

$7 + 5 = \_\_\_\_$

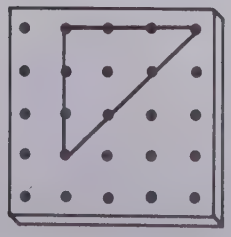
$5 + 6 = \_\_\_\_$

$\begin{array}{r} 11 \\ -7 \\ \hline \end{array}$ $\begin{array}{r} 12 \\ -9 \\ \hline \end{array}$

$12 - 4 = \_\_\_\_$

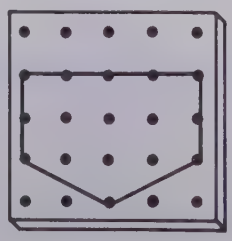
$11 - 2 = \_\_\_\_$

How many?



sides ____

corners ____



sides ____

corners ____

Complete.

1 dime and 6 pennies = ____¢

1 ten 6 ones = ____

4 tens 0 ones = ____

6 tens 7 ones = ____

24¢ = ____ dimes and ____ pennies

31 = ____ tens ____ one

76 = ____ tens ____ ones

92 = ____ tens ____ ones

I have 3  's.

Pat has 3  's.

How many  's in all?

_____

____  's

I have 6  's.

Pat has 4  's.

How many more have I?

_____

____  's

4  's

3 more  's came.

How many  's in all?

_____

____  's

8  's

2  's went away.

How many  's were left?

_____

____  's

Mark the coins.

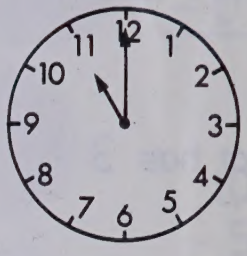
How much ?

____¢

What time is it ?

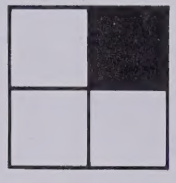
_____

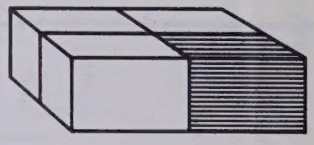
_____



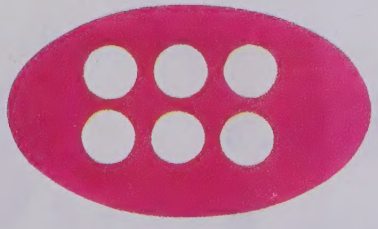
_____

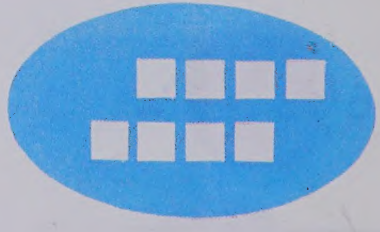
Ring one half. Use a ✓ to show one fourth.

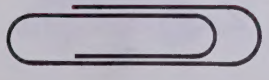




Color one half of each set.

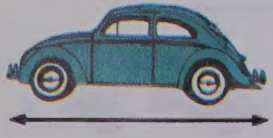




Measure. Use a  .

_____ _____ clips

Ring.



longer than

shorter than

a metre stick

longer than

shorter than

a metre stick

starting points
spm
mathematics

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